Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

(The following chart shows illustrative essential claims for each patent. Other claims may also be essential and/or other portions of the Standard may be covered.)

Ctry.	Patent	Cl	Standards / Sections
AL	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
AT	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
AT	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
AT	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
AT	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
AT	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
AT	2,826,122	1	Qi Specification v.2.2.1 Communications Protocol: Secs. 2.1, 2.2.1, 6, 6.1, 6.6, 6.6.1; Figs. 2, 3, 22, and 23 Power Delivery: Sec. 2; Fig. 2
AT	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
AT	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
AT	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
AT	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
AT	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
AT	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
AT	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
AT	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
AT	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
AT	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
AT	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
AT	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
AT	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
AT	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
AT	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
BE	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
BE	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
BE	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
BE	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
BE	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
BE	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
BE	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
BE	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
BE	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
BE	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
BE	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
BE	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
BE	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7
BE	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
BE	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
BE	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
BE	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
BE	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
BE	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
BE	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
BE	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
BG	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
BG	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
BG	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
BG	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7
BG	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
BG	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
BG	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
BG	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
BG	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
BG	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
BG	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
CH	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
CH	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
CH	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
CH	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
CH	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
CH	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
CH	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
CH	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
CH	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
CH	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
CH	4,138,309	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
CN	100479292	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34
CN	100511913	4	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.1.1, 5.2.1, 5.2.3.3, 5.3.1 , 5.3.6, Fig. 17, Table 30 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.4, 2.2.6, 2.2.10, 2.2.27, Figs. 27, 30
CN	101115343	67	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Figs. 27, 30

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
CN	101447683	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 5.3, Figs. 2, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 5.1.2.2, 5.1.2.3, 5.2, 5.2.1, Fig. 7, Annex B.2, B.2.1, B.2.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.2.2, 2.3.1.3, 2.3.2.3, 2.3.3.3, 2.3.5.3, 2.3.6,3, Figs. 6, 141(c) (see also, Figs. 24, 67, 76, 107, 124, 130, 131, 137, 141, 145, 146, 152, 159, 166, 173), 170
CN	101588075	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.2.3, 5.1.3.6, 5.2.3.3, 5.2.3.4, 5.2.3.8, Fig. 17, Tables 30, 34, 35, 36 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.11, 2.2.11.1, Fig. 31
CN	101789636	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.3, 5.1.2.3.1, 5.1.2.6, 5.1.2.6.1, 10, 10.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.3.6, 2.3.6.2, 2.3.6.3, Figs. 178, 180
CN	101828320	4	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 5.1.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.3, 2.2.13, 2.2.13.1.1, 2.2.13.1.2, Figs. 39, 41, 42
CN	101836272	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1.1, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, 2.3.1, 2.3.1.1.1, 3.1, 3.1.2, Figs. 30, 150, 151, 153, 251
CN	102208921	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 2.3, 4, 4.1, 5, 5.1, Figs. 4, 5, 12, 13 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 3 Communications Protocol: Secs. 2.3, 4, 4.1, 5, 5.1, Figs. 4, 5, 12, 13
CN	102280919	12	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 3.2.4, 5.1.1, 5.1.2.6, 5.1.3.6, 5.2, 5.2.1, 5.2.2, 5.2.3.4 Figs. 10, 17, Tables 26, 31 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2.2, Fig. 6
CN	102355037	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 2.2, 3.1.1, 4.2, 5.1.1, 5.1.2.2, 5.1.2.3, 5.1.2.6, 5.2.3.2, 5.2.3.5, 9, 10, Figs. 10, 16, 44, Tables 28, 29, 32, 35, 63 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.3.1.3, 2.3.6,3, Figs. 3, 141(c) (see also, Figs. 24, 67, 76, 107, 124, 130, 131, 137, 141, 145, 146, 152, 159, 166, 173)
CN	102449874	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.1, 10, 10.2, Annex B The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, Fig. 15
CN	102596632	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: Sec. 1 Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 8.11, 8.13, Table 29 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 8.11, 8.13, Table 29
CN	102804542	1	Qi Specification Parts 1 and 2 Interface Definitions v.1.2.4: Secs. 1.3, 1.5 References Designs: v.1.2.4: Secs. 2.2.23, and 2.2.23.2; Figs. 88, 91
CN	102804728	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
CN	102823101	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 2.1, 2.1.1, 3.1, 5.1.1.1, 5.1.2.6.1, 5.1.3.6, 5.1.5, 5.2.3.4, 11.1, 11.4, 11.4.1, Figs. 3, 4, Table 31 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.1.3, 2.2.10.2, Figs. 27, 29, 30

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
CN	102918748	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 2, 3.1, 4.2, Fig. 2 Communications Protocol: Sec. 8.1, Table 22 Power Delivery: Secs. 3, 3.1, 10 Power Receiver Design Examples: Sec. 2.2 Power Transmitter Reference Designs: Secs. 10, 10.2, Fig. 25 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 2, 3.1, 4.2, Fig. 2 Communications Protocol: Sec. 8.1, Table 22 Power Delivery: Secs. 3, 3.1, 10 Power Receiver Design Examples: Sec. 2.2 Power Transmitter Reference Designs: Secs. 10, 10.2, Fig. 13
CN	103155337	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.3.4.2.2, 5.2.3.7, 5.2.3.12, 5.3, 5.3.2.1, Tables 13, 34, 43, 54 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.4, Fig. 10
CN	103176215	1	Qi Specification v.2.0 (Apr. 2023) Foreign Object Detection: Secs. 4, 4.1; Annex B, B.2.1; Fig. 19 Glossary: Sec. 1
CN	103178593	1, 5	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, 5.1.2.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.2, 5.1.3.3, 5.1.3.6, 5.2.1, 5.2.3.3, 5.2.3.5, 5.2.3.8
CN	103296784	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.1.1, 5.1.2.2, 9, 10, 10.1, 11.1, Fig. 19, Annex B
CN	103308949	1	Qi Specification v.2.2.1 Intro: Sec. 4.4 MPP System Specification: Secs. 2.1, 2.3.2; 4.2.1.3, 4.3.1.4, 4.3.1.5, 7, 7.1, 7.2; Figs. 5, 7, 8, 9, 10, 11, 21, 22; Table 8 Foreign Object Detection: Secs. 2, 4.1; Fig. 2
CN	103457363	51	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 3.1.1, 5.1.3, Fig. 6, Annex B.3
CN	103502845	1	Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 4, 4.1, 4.1.1-4.1.3; Figs. 4, 5 Communications Physical Layer: Sec. 3 Power Delivery: Secs. 2, 5.1; Fig. 2 Foreign Object Detection: Secs. 4, 4.2, 4.2.1; Annex B, B.1; Fig. 5 Glossary: Sec. 1
CN	103545937	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 3.1, 3.1.1, 5.1.1, 5.1.2, 5.1.3, 5.1.3.1-5.1.3.7, 5.2.3.3, 11.3, 11.4.2, 11.5, Figs. 4, 48, Table 64, Annex B
CN	103688442	9	Qi Specification v.2.0 (Apr. 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4, 4.1, 4.2, 4.2.1; Figs. 3, 5, 19; Annex B MPP System Specification: Secs. 1.1, 1.1.4, 1.2, 1.2.1, 4.3, 4.3.1, 4.3.1.2, 4.6, 4.6.1; Figs. 5.3.1:36 and 5.6.1:38; Table 5.3.1.2:17
CN	103765728	19	Qi Specification v.2.0 (Apr. 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.2, 4.2.1-4.2.3 MPP Communications Protocol: Sec. 7.2.4
CN	103858310	1, 8	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3, 3.1, 3.1.4, 3.1.6, 5.1, 5.2, 5.2.2.1, Figs. 4, 5, 16, 18

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
CN	103887846	1, 6, 7	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4.3, 4.6, Figs. 4, 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.2, 1.3, 1.5, 2.1, 2.1.1, 3.1.1, 3.1.2, 5.1.1.1, 11, Figs 3, 7 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.2, 2.2.3, 2.2.6, 2.2.7, 2.2.10, 2.2.11, 2.2.13, 2.2.15-2.2.28, 2.2.29-2.2.34, 2.3.1-2.3.7, 2.4.1-2.4.12, 3.1-3.4
CN	104104154	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3; Fig. 3 Power Delivery: Secs. 2, 3; Figs. 2, 3 MPP System Specification: Secs. 4.6.2.7, 4.9.2.2, 5.3.1.2; Figs. 6.3.2.1:67 and 6.3.2.1:68
CN	104365028	1	Qi Specification v.2.0 (Apr. 2023) Power Delivery: Secs. 2, 3.6; Fig. 2 Communications Protocol: Secs. 2.1, 4.2, 6, 6.3, 6.6, 6.6.1, 8.9; Figs. 21, 22 Foreign Object Detection: Secs. 4.2, 4.2.1-4.2.3, 5, 5.1, 5.2
CN	104412517	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.2.4, 5.1.3.2, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2, 5.2.2.1, 5.3, 5.3.1, 5.3.2, 5.3.2.1, Figs. 16, 21, 24, 30, Table 11
CN	104521105	1	Qi Specification, v.2.0 (Apr. 2023) Communications Protocol: Secs. 4, 5; Figs. 4, 11 MPP Communications Protocol: Secs. 2.2.2, 2.3.3, 7.1.20; Figs. 2.1, 2.2, 2.3, 2.9, 7.20; Table 2.1 Power Delivery: Secs. 15, 15.1; Fig. 18
CN	104600869	106	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.1, 5, 6.2, 6.6.5.6, 7, 7.3.7, 8.18.3, 9.4, Figs. 2, 4, 11, 28, 68, Tables 38, 47 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.1, 5, 6.2, 6.6.5.6, 7, 7.3.7, 8.18.3, 9.4, Figs. 2, 4, 11, 28, 68, Tables 38, 47
CN	104704710	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.2.6, 5.1.4, 11.1, 11.4, 11.4.1, 11.4.3, 11.4.3.1, 11.4.3.2, Figs. 23, 24(e), 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27 and 30
CN	104937683	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 3.1.8, 5.1.3.6, Fig. 33, Table 23 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 3.5.1.2, Fig. 263
CN	105006895	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2.1, 5.1.2.2, 5.1.3, 5.1.3.2, 10, 10.1, 10.2, Figs. 18, 44, Table 63, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27
CN	105144544	1	Qi Specification v.2.2.1 Introduction: Secs. 3.1, 4.6; Fig. 6 Power Delivery: Sec. 11.1 Glossary: Sec. 1 Technical System Overview: Secs. 2, 4, 5, 7.1, 7.2, 7.3; Figs. 10, 11, 13, 14, 15
CN	105281444	11	Qi Specification v.1.3.1 Introduction: Secs. 3, 3.1 Communications Protocol: Secs. 1, 1.6, 4, 4.2.1, 4.2.2, 5, 7, 8.5; Figs. 4, 11; Tables 3, 22 PTx Reference Designs: Secs. 47, 47.2 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Protocol: Secs. 1, 1.6, 4, 4.2.1, 4.2.2, 5, 7, 8.5; Figs. 4, 11, Tables 3, 22 PTx Reference Designs: Secs. 48, 48.2
CN	105914900	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.2.6, 5.2.1, , 5.2.3.5, 10, 10.1, 11.3, Figs. 19, 44, Tables 11, 32, 63

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
CN	106160269	1	Qi Specification v.1.3.1 Power Delivery: Secs. 14, 15.2 Foreign Object Detection: Secs. 4, 4.1 PTx Reference Designs: Secs. 2.2, 40.1.1, 40.2, 40.2.1; Figs. 140, 142, 143; Table 97 Qi Specification v.2.0 (Apr. 2023) Power Delivery: Secs. 14, 15.2 Foreign Object Detection: Secs. 4, 4.2 PTx Reference Designs: Secs. 2.2, 40.1.1, 40.2, 40.2.1; Figs. 91, 93, 94; Table 68
CN	106300445	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Protocol: Sec. 2.1; Fig. 2 Power Delivery: Sec. 2; Fig. 2 Foreign Objection Detection: Secs. 4.2, 4.2.1, 4.2.2, 4.2.3; Fig. 5 PTx Reference Designs: Sec. 8; Fig. 2 Glossary: Sec. 1
CN	106463973	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27
CN	106575885	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3.2.4, 11.3, Annexes B.4, B.4.1, B.4.2, C.2
CN	106716780	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.6, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, 5.2.3.8, 5.3.3.3, Annex B, B.2, B.2.2, The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.3, 2.3.1
CN	106953427	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3; Fig. 3 Communications Protocol: Secs. 2.1, 4, 6.6, 6.6.4, 8.9; Figs. 2, 4, 22; Table 27 Power Delivery: Secs. 3, 3.6, 10; Figs. 4, 11 Foreign Objection Detection: Secs. 4.2, 4.2.1, 4.2.3; Fig. 5 Glossary: Sec. 1
CN	106981930	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1, Fig. 6 Commination's Physical Layer: Sec. 2, 2.1 Communications Protocol: Sec. 4 Power Delivery: Secs. 15.2, 16.1, 16.1.1 Power Receiver Design Examples: Sec. 2.2 Power Transmitter Reference Designs: Secs. 10, 10.2 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1, Fig. 3 Communications Physical Layer: Sec. 2, 2.1 Communications Protocol: Sec. 4 Power Delivery: Secs. 15.2, 16.1, 16.1.1 Power Receiver Design Examples: Sec. 2.2 Power Transmitter Reference Designs: Secs. 10, 10.2

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
CN	107438934	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 PTx Reference Designs: Secs. 51, 51.1, 51.1.1; Figs. 203-205; Tables 138, 139 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 PTx Reference Designs: Secs. 52, 52.1, 52.1.1; Figs. 109-111; Tables 86, 87 Glossary: Sec. 1
CN	107482791	1	Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 6, 6.3, 8.9; Fig. 21; Table 27 Power Delivery: Secs. 2, 3, 3.6; Figs. 2-4 Foreign Objection Detection: Sec. 4.2.2; Annex A; Fig. 17 MPP System Specification: Sec. 5.1; Fig. 6.3.2.1:67 Communications Physical Layer: Sec. 2 PTx Reference Designs: Secs. 2.2, 3.2, 4.2, 5.2, and 6.2; Figs. 4, 8, 11, 14, 17
CN	107979186	1	Qi Specification v.2.2.1 MPP System Specification: Secs. 2.3.2 (incl. Fig. 7), 5.2.3.2, 5.3, 5.3.1, 5.3.1.1, 5.11.2.2, 5.11.2.2.1, 5.11.2.3, 5.11.2.3.1, 5.11.2.4, 6.1, D-1 through D3, D.6.2 MPP Communications Protocol: Secs. 5.2, 5.8.4, 8.1.3, 8.2.26 Thermal Management Protcol: Secs. 3.2, 3.3, 3.4
CN	108233498	9	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Secs. 2, 3, 3.1 Communications Protocol: Secs. 4.2.1, 7, 7.3.4, 7.3.7, 8.7, 8.15; Fig. 6 Power Delivery: Secs. 2, 15; Fig. 2 PTx Reference Designs: Secs. 54(MP-A9), 54.1.2; Figs. 221, 224 Mechanical, Thermal, and User Interference: Secs. 3.1 Foreign Object Detection: Secs. 2, 3, 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 2, 3, 3.1 Communications Protocol: Secs. 4.2.1, 7, 7.3.4, 7.3.7, 8.7, 8.15; Fig. 6 Power Delivery: Secs. 2, 15; Fig. 2 PTx Reference Designs: Secs. 55(MP-A9), 55.1.2; Figs. 113, 116 Mechanical, Thermal, and User Interference: Secs. 3.1 Foreign Object Detection: Sec. 2, 3, 5.1 Glossary: Sec. 1
CN	109463026	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Glossary: Sec. 1 Power Delivery: Secs. 15, 16.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 7, 8, 8.6, 8.15, 8.16, 8.18.3, 9.4; Figs. 2, 4, 28; Tables 23, 38, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Glossary: Sec. 1 Power Delivery: Secs. 15, 16.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 7, 8, 8.6, 8.15, 8.16, 8.18.3, 9.4; Figs. 2, 4, 28; Tables 23, 38, 47
CN	110098655	24, 35	Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Sec. 8.7 Power Delivery: Secs. 2, 3.6, 10; Figs. 2, 4 Foreign Objection Detection: Sec. 4.2.2 MPP System Specification: Secs. 4.7, 4.7.1, 4.7.1.1, 4.9.2.2, 4.10.2.1.1; Fig. 6.3.2.1:67

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
CN	110474443	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Protocol: Secs 4, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 8.9; Figs. 2, 4, 22 Power Delivery: Sec. 2 Foreign Objection Detection: Secs. 4, 4.2, 4.2.1-4.2.4; Fig. 5 PTx Reference Designs: Secs. 47, 47.2, 48.2, 49.2, 52.2, 55.2, 56.2, 59.2; Fig. 95 Glossary: Sec. 1
CN	110476362	6	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Power Delivery: Sec. 11.1 Communications Physcial Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 2.2, 2.2.1, 6.6.5.6, 7, 8, 8.6, 8.15, 9.4; Figs. 3, 28; Tables 5, 32, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Power Delivery: Sec. 11.1 Communications Physcial Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 2.2, 2.2.1, 6.6.5.6, 7, 8, 8.6, 8.15, 9.4; Figs. 3, 28; Tables 5, 32, 47
CN	110622392	6	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 6.6.5.6, 7, 7.1.3, 7.2, 7.2.1, 7.2.4.2, 8, 8.6, 8.15; Figs. 28, 46, 51; Tables 23, 32 PTx Reference Designs: Sec. 46; Fig. 180 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 6.6.5.6, 7, 7.1.3, 7.2, 7.2.1, 7.2.4.2, 8, 8.6, 8.15; Figs. 28, 46, 51; Tables 23, 32 PTx Reference Designs: Sec. 47; Fig. 95
CN	111989842	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1; Fig. 6 Glossary: Sec. 1 Power Delivery: Sec. 3; Fig. 4 Communications Protocol: Secs. 17, 8.15; Table 32 Foreign Object Detection: Secs. 5.2.2, 5.2.3; Fig. 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1; Fig. 3 Glossary: Sec. 1 Power Delivery: Sec. 3; Fig. 4 Communications Protocol: Secs. 17, 8.15; Table 32 Foreign Object Detection: Secs. 5.2.2, 5.2.3; Fig. 13
CN	112913109	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Glossary: Sec. 1 Power Delivery: Sec. 3; Fig. 4 Communications Protocol: Secs. 1.5.1, 5, 6, 7, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 11, 21, 46; Tables: 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Glossary: Sec. 1 Power Delivery: Sec. 3; Fig. 4 Communications Protocol: Secs. 1.5.1, 5, 6, 7, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 11, 21, 46; Tables: 18, 19, 21, 44, 45, 47

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
CN	113489172	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Power Delivery: Sec. 3; Fig. 4 Communications Protocol: Secs. 2.1, 4, 4.1, 5, 5.1, 5.1.1-5.1.5, 6, 8, 8.4, 8.10, 8.11, 9.4; Figs. 2, 4, 5, 11, 12, 21; Tables: 21, 47 Authentication Protocol: Secs. 4, 4.2, 7, 7.1; Fig. 2 Glossary: Secs. 1, 2
CN	113785469	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 NFC Tag Protection: Secs. 2.1, 2.1.1, 3, 4; Table 5 Communications Protocol: Secs. 6, 9.5; Fig. 21; Table 48 Glossary: Sec. 1
CN	114450868	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Power Delivery: Sec. 2; Fig. 2 Communications Protocol: Secs. 2.1, 8.5, 8.15; Fig. 2; Tables 22, 32 Foreign Object Detection: Secs. 5, 5.2.1, 5.2.2; Figs. 11, 13, 16
CN	114744975	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Power Delivery: Secs. 3, 3.1, 3.2, 3.3, 3.4, 3.7; Flg. 5 Foreign Objection Detection: Secs. 4, 4.2, 4.2.1-4.2.4; Fig. 5 PTx Deisgn Examples: Secs. 2, 2.1.1, 2.1.2, 2.2; Figs. 2-4 Glossary: Sec. 1
CN	115347688	1	Qi Specification v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 8.9; Tables 2, 27 Foreign Object Detection: Secs. 4.1.2, 4.1.3, 4.1.4 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 8.9; Tables 2, 27 Foreign Object Detection: Secs. 4.2.2, 4.2.3, 4.2.4
CN	115603473	1	Qi Specification v.2.0 Glossary: Sec. 1 Communications Protocol: Secs. 1.2, 4, 6, 8.9; Figs. 4, 21; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.1, 4.2.2, 4.2.3
CN	116599549	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 NFC Tag Protection: Secs. 2, 2.1, 3, 4; Table 5 Communications Protocol: Secs. 5, 6, 8.11; 9.5; Figs. 11, 21; Tables 29, 48
CN	119813564	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Power Delivery: Sec. 3; Figs. 3, 4 Communications Protocol: Secs. 2, 5, 8.11, 8.15 Foreign Object Detection: Secs. 5.2.2, 5.2.3; Fig. 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Power Delivery: Sec. 3; Figs. 3, 4 Communications Protocol: Secs. 2, 5, 8.11, 8.15 Foreign Object Detection: Secs. 5.2.2, 5.2.3; Fig. 13
CY	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
CZ	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
CZ	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
CZ	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
CZ	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
CZ	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.2.4, 5.1.3.2, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
CZ	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
CZ	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
CZ	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
CZ	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
CZ	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
CZ	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
CZ	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
DE	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
DE	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
DE	3,829,027 C0	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Power Delivery: Secs. 3, 3.2, and 4; Fig. 4 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Figs. 21 Qi Specification, v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
DE	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7
DE	4,195,452 C0	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
DE	4,221,094 C0	6	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
DE	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
DE	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
DE	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
DE	4,250,524 C0	11	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs. 2, 4, 43, 46, 51; Tables 23, 32, 43 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
DE	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
DE	50 2010 015 269.5	1	Qi Specification v.1.3.1 Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 5, 8.11, 8.13; Fig. 11; Table 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 5, 8.11, 8.13; Fig. 11; Table 12
DE	50 2012 016 638.1	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Figs. 1, 2 Power Delivery: Secs. 3, 3.6; Fig. 3 MPP System: Secs. 1.1, 1.1.1, 1.1.2, 1.2, 1.2.1, 5.1, 5.3, 5.3.1, 5.3.2, 5.3.3; Figs. 2.2.2:3, 2.2.2:6, 6.1:62, 6.3.2.1:68
DE	50 2013 002 065	1	Qi Specification v.2.2.1 Communications Protocol: Secs. 2.1, 2.2.1, 6, 6.1, 6.6, 6.6.1; Figs. 2, 3, 22, and 23 Power Delivery: Sec. 2; Fig. 2
DE	50 2013 013 223.4	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: Sec. 1 Introduction: Sec. 3.1 Communications Physical Layer: Sec. 3 Communications Protocol: Secs. 1.2, 2.1, 2.3, 4, 4.2.1, 5, 7, Fig. 6 Power Transmitter Reference Designs: Secs. 1.2, 4.2
DE	60 2004 054 556.2	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2.1, 5.2.2, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Fig. 27, 30
DE	60 2005 044 966.3	1, 11	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.2.6, 5.2.3.4, 5.2.3.11, 11.4, 11.4.1, Fig. 47, Tables 31, 39
DE	60 2005 054 787.8	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
DE	60 2006 050 173.0	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.2, 5.1.2.6, 5.1.3.6, 5.2.3.2, 10. 10.1, Figs. 16, 18, 19, Tables 29, 63
DE	60 2007 061 116.4	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
DE	60 2008 051 724.1	1, 4	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, Fig. 10 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.2, 5.1.2.3, 5.2.1, 5.2.3, 5.2.3.2, 5.2.3.5, 5.2.3.8, Fig. 16, Tables 28, 29, 32, 35
DE	60 2008 059 400.9	10, 11	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 3, 3.1.1, 3.1.2, 3.1.3, 3.1.7, 5.1, 5.1.1, 5.1.3.2, 5.1.3.3, 5.2.1, 5.2.3.5, 5.2.3.8, Figs. 4, 5, 17, Tables 33, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 3.2.2, Fig. 255

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
DE	60 2008 059 963.9	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13
DE	60 2009 049 204.7	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.4.2, 7, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.4.2, 7, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3
DE	60 2009 052 981.1	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
DE	60 2009 059 136.3	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: 1 Introduction: Secs. 3.1, 3.2.1, 4.1, 4.5 Communications Physical Layer: 2 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.1, 4.2.2, 7, Figs. 2, 4, 5, 6 Power Delivery: Secs. 2, 3, 3.6, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Glossary: 1 Introduction: Secs. 3.1, 3.2.1, 4.1, 4.5 Communications Physical Layer: 2 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.1, 4.2.2, 7, Figs. 2, 4, 5, 6 Power Delivery: Secs. 2, 3, 3.6, Fig. 3
DE	60 2009 064 545.5	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
DE	60 2010 000 292.6	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.3, 5.1.2.3.1, 5.1.2.6, 5.1.2.6.1,10, 10.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.3.6, 2.3.6.2, 2.3.6.3, Fig. 180
DE	60 2010 034 657.9	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.1.1, 10, 10.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, 2.2.6.1.1, Figs. 15, 17
DE	60 2010 036 762.2	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
DE	60 2010 044 365.5	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, 4.5, Fig. 4 Communications Protocol: Secs. 4, 4.2.1, 8.17, Figs. 4, 6, Table 34 Power Delivery: Sec. 16.1 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, 4.5, Fig. 4 Communications Protocol: Secs. 4, 4.2.1, 8.17, Figs. 4, 6, Table 34 Power Delivery: Sec. 16.1
DE	60 2010 058 277.9	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 4, 4.2.1, 4.2.2, 8.17, Figs. 2, 4, 6, Table 34 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 4, 4.2.1, 4.2.2, 8.17, Figs. 2, 4, 6, Table 34
DE	60 2011 018 466.0	6	Qi Specification, V.1.3.1 (Aug. 2021) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21 Qi Specification v.2.0 (Apr. 2023) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21
DE	60 2012 021 258.6	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 4.2 Communications Protocol: Sec. 8.5, Table 22 Power Delivery: Secs. 2, 3, 3.1, 10, Figs. 2, 5, 11 Power Transmitter Reference Designs: Secs. 10, 10.2, Fig. 25 Power Receiver Design Examples: Sec. 2.2 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4.2 Communications Protocol: Sec. 8.5, Table 22 Power Delivery: Secs. 2, 3, 3.1, 10, Figs. 2, 5, 11 Power Transmitter Reference Designs: Secs. 10, 10.2, Fig. 13 Power Receiver Design Examples: Sec. 2.2
DE	60 2012 025 997.3	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
DE	60 2012 069 696.6	1	Qi Specification v.2.0 (Aug. 2023) Power Delivery: Sec. 10; Fig. 11 Foreign Object Detection: Annex B.1; Fig. 18
DE	60 2012 071 422.0	7	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 2.1, 4.2.2, 6; Figs. 2, 21 Power Delivery: Secs. 2, 3.6; Fig. 2

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
DE	60 2012 071 712.2	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7
DE	60 2012 078 687.6	7	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Sec. 2.1; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1, 4.2.2, 4.2.3; Figs. 3, 4 PTx Reference Designs: Sec. 10.2; Fig. 13
DE	60 2013 015 917.3	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, , Figs. 16, 18, Table 11
DE	60 2013 043 744.0	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
DE	60 2013 062 418.6	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 4.2.1, 5, 5.1.5, 6 and 8.9; Fig. 2; Table 27 Power Delivery: Secs. 2 and 3; Figs. 2 and 3 Foreign Object Detection: Sec. 4.2.2 and Annex A; Fig. 6 PRx Test Tools: Sec. 5; Fig. 8
DE	60 2013 072 389.3	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
DE	60 2013 074 008.9	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
DE	60 2013 086 091	1, 15	Qi Specification v.2.2.1 Glossary: Sec. 1 Technical System Overview: Secs. 4 and 5; Fig. 11; Tables 1 and 2 Communications Protocol: Secs. 4, 4.2.2 and 5.1; Figs. 4, 7 and 13 MPP Communications Protocol: Secs. 5.8.4 and 8.2.26; Fig. 154 MPP System: Secs 5.2.1.1, 5.2.1.2, 5.7.2.3.3, 5.7.2.12.1, 5.8.2.13, 5.11.2.2.1 and 5.11.2.2.3; Annexes D, D.3, D.4.1 and D.6.2; Figs. 222, 223, and 224; Table 25

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
DE	60 2014 015 437.9	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 8.9 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.2, 4.2.1, 4.2.2, 4.2.3; Annex A PTx Reference Designs: Sec. 10; Fig. 10
DE	60 2015 001 552.5	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: Sec. 1 Introduction: Secs. 3, 3.1, Fig. 6 Power Receiver Reference Designs: Sec. 5.1.1, Fig. 12, Table 7 Power Transmitter Reference Designs: Secs. 2.2, 44, 44.1, 44.1.1, 44.2, Figs. 166, 167, 168, 170, Table 107
DE	60 2015 006 274.4	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 4, 4.1, 5, 5.1.3, 8.4, Fig. 4, Table 21 Communications Physical Layer: Sec. 3 Power Delivery: Secs. 2, 5.2, 15, 15.1, 16.1, Figs. 2, 8 Power Transmitter Reference Designs: Secs. 10.2, 15.2, 34.2, 41, 41.2, Figs. 147, 148
DE	60 2015 011 803.0	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27
DE	60 2015 019 331.8	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 4, 4.1, 5, 5.1.3, 8.4, Fig. 4, Table 21 Communications Physical Layer: Sec. 3 Power Delivery: Secs. 2, 5.2, 15, 15.1, 16.1, Figs. 2, 8 Power Transmitter Reference Designs: Secs. 10.2, 15.2, 34.2, 41, 41.2, Figs. 147, 148
DE	60 2015 044 494.9	1	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.2.5, 5.2.1.5, 11.3, 11.3.2, 11.4.3, 11.4.3.2, Fig. 23 The Qi Wireless Power Transfer System, Power Class 0 Specification, Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
DE	60 2016 009 514.9	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.1, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.3.6, 5.2.3.1, 5.2.3.8, 5.3.1, 5.3.2.3, 5.3.2.3.2, 5.3.3.3, 5.3.3.3.2, Figs. 4, 51, Tables 27, 54, 58, 60, Annex B, B.2, B.2.2, The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.3, 2.3.1, Fig. 150
DE	60 2016 072 198.8	1	Qi Specification v.1.3.1 (Aug. 2021) Communications Protocol: Sec. 7.1; Figs 42, 43 Foreign Object Detection: Secs. 4, 4.1, 4.1.1 - 4.1.5; Figs. 3, 4 PTx Reference Designs: Secs. 2.2, 40 (B3), 40.1.1, 40.2, 40.2.1; Figs. 140, 142, 143 Mechanical, Thermal, and User Interface: Sec. 5.1
DE	60 2017 003 989.6	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.2.10, Figs. 27, 30
DE	60 2017 075 902.3	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
DE	60 2017 078 952.6	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 3, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
DE	60 2019 050 705.4	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
DE	603 50 797.2	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 2.1, 2.3, representative power transmitter design B1: 2.3.1, 2.3.1.1.1, 2.3.1.1.2, Figs 151, 152, Table 103
DK	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
DK	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
DK	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
DK	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
DK	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7
DK	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
DK	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
DK	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
DK	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
DK	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
DK	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
DK	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
DK	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
EE	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
EE	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
EE	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; FIg. 4 Foreign Object Detection: Sec.4
EE	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
EE	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
EE	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
EE	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
EE	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
EE	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
EE	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
EE	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
ES	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
ES	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
ES	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
ES	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
ES	2,522,128	6	Qi Specification, V.1.3.1 (Aug. 2021) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21 Qi Specification v.2.0 (Apr. 2023) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21
ES	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
ES	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
ES	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
ES	2,826,122	1	Qi Specification v.2.2.1 Communications Protocol: Secs. 2.1, 2.2.1, 6, 6.1, 6.6, 6.6.1; Figs. 2, 3, 22, and 23 Power Delivery: Sec. 2; Fig. 2
ES	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
ES	3,123,587	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27
ES	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
ES	3,300,213	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.1, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.3.6, 5.2.3.1, 5.2.3.8, 5.3.1, 5.3.2.3, 5.3.2.3.2, 5.3.3.3, 5.3.3.3.2, Figs. 4, 51, Tables 27, 54, 58, 60, Annex B, B.2, B.2.2, The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.3, 2.3.1, Fig. 150
ES	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
ES	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
ES	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
ES	3,403,313	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.2.10, Figs. 27, 30
ES	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
ES	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
ES	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
ES	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
FI	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
FI	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
FI	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
FI	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
FI	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
FI	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
FI	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
FI	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
FI	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
FI	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
FI	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
FI	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
FI	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
FI	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7
FI	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
FI	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
FI	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
FI	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
FI	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
FI	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
FI	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
FI	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
FR	2,066,000	10, 11	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 3, 3.1.1, 3.1.2, 3.1.3, 3.1.7, 5.1, 5.1.1, 5.1.3.2, 5.1.3.3, 5.2.1, 5.2.3.5, 5.2.3.8, Figs. 4, 5, 17, Tables 33, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 3.2.2, Fig. 255
FR	2,093,857	1, 4	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, Fig. 10 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.2, 5.1.2.3, 5.2.1, 5.2.3, 5.2.3.2, 5.2.3.5, 5.2.3.8, Fig. 16, Tables 28, 29, 32, 35
FR	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
FR	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
FR	2,436,096	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.1.1, 10, 10.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, 2.2.6.1.1, Figs. 15, 17
FR	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
FR	2,493,719	1	Qi Specification v.1.3.1 Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 5, 8.11, 8.13; Fig. 11; Table 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 5, 8.11, 8.13; Fig. 11; Table 12
FR	2,522,128	6	Qi Specification, V.1.3.1 (Aug. 2021) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21 Qi Specification v.2.0 (Apr. 2023) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
FR	2,683,051	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13
FR	2,685,594	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 2.1, 2.3, representative power transmitter design B1: 2.3.1, 2.3.1.1.1, 2.3.1.1.2, Figs 151, 152, Table 103
FR	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
FR	2,693,235	1	Qi Specification v.2.0 (Aug. 2023) Power Delivery: Sec. 10; Fig. 11 Foreign Object Detection: Annex B.1; Fig. 18
FR	2,766,973	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Figs. 1, 2 Power Delivery: Secs. 3, 3.6; Fig. 3 MPP System: Secs. 1.1, 1.1.1, 1.1.2, 1.2, 1.2.1, 5.1, 5.3, 5.3.1, 5.3.2, 5.3.3; Figs. 2.2.2:3, 2.2.2:6, 6.1:62, 6.3.2.1:68
FR	2,784,718	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.4.2, 7, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.4.2, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3
FR	2,826,122	1	Qi Specification v.2.2.1 Communications Protocol: Secs. 2.1, 2.2.1, 6, 6.1, 6.6, 6.6.1; Figs. 2, 3, 22, and 23 Power Delivery: Sec. 2; Fig. 2
FR	2,836,885	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: Sec. 1 Introduction: Sec. 3.1 Communications Physical Layer: Sec. 3 Communications Protocol: Secs. 1.2, 2.1, 2.3, 4, 4.2.1, 5, 7, Fig. 6 Power Transmitter Reference Designs: Secs. 1.2, 4.2
FR	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
FR	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
FR	2,882,070	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.2, 5.1.2.6, 5.1.3.6, 5.2.3.2, 10. 10.1, Figs. 16, 18, 19, Tables 29, 63
FR	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
FR	3,007,849	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 5.2.3.5, 5.3.3.3, 11, 11.3, 11.3.1, 11.3.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2
FR	3,123,587	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27
FR	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
FR	3,285,195	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: 1 Introduction: Secs. 3.1, 3.2.1, 4.1, 4.5 Communications Physical Layer: 2 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.1, 4.2.2, 7, Figs. 2, 4, 5, 6 Power Delivery: Secs. 2, 3, 3.6, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Glossary: 1 Introduction: Secs. 3.1, 3.2.1, 4.1, 4.5 Communications Physical Layer: 2 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.1, 4.2.2, 7, Figs. 2, 4, 5, 6 Power Delivery: Secs. 2, 3, 3.6, Fig. 3
FR	3,300,213	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.1, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.3.6, 5.2.3.1, 5.2.3.8, 5.3.1, 5.3.2.3, 5.3.2.3.2, 5.3.3.3, 5.3.3.3.2, Figs. 4, 51, Tables 27, 54, 58, 60, Annex B, B.2, B.2.2, The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.3, 2.3.1, Fig. 150

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
FR	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
FR	3,373,461	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 4.2.1, 5, 5.1.5, 6 and 8.9; Fig. 2; Table 27 Power Delivery: Secs. 2 and 3; Figs. 2 and 3 Foreign Object Detection: Sec. 4.2.2 and Annex A; Fig. 6 PRx Test Tools: Sec. 5; Fig. 8
FR	3,376,586	7	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 2.1, 4.2.2, 6; Figs. 2, 21 Power Delivery: Secs. 2, 3.6; Fig. 2
FR	3,389,191	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7
FR	3,403,313	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.2.10, Figs. 27, 30
FR	3,407,466	1	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.2.5, 5.2.1.5, 11.3, 11.3.2, 11.4.3, 11.4.3.2, Fig. 23 The Qi Wireless Power Transfer System, Power Class 0 Specification, Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
FR	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
FR	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
FR	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
FR	3,694,080	1, 15	Qi Specification v.2.2.1 Glossary: Sec. 1 Technical System Overview: Secs. 4 and 5; Fig. 11; Tables 1 and 2 Communications Protocol: Secs. 4, 4.2.2 and 5.1; Figs. 4, 7 and 13 MPP Communications Protocol: Secs. 5.8.4 and 8.2.26; Fig. 154 MPP System: Secs 5.2.1.1, 5.2.1.2, 5.7.2.3.3, 5.7.2.12.1, 5.8.2.13, 5.11.2.2.1 and 5.11.2.2.3; Annexes D, D.3, D.4.1 and D.6.2; Figs. 222, 223, and 224; Table 25

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
FR	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2: Fig. 4 Foreign Object Detection: Sec.4
FR	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7
FR	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
FR	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
FR	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
FR	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
FR	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
FR	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
FR	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
FR	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
FR	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
FR	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
GB	2,066,000	10, 11	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 3, 3.1.1, 3.1.2, 3.1.3, 3.1.7, 5.1, 5.1.1, 5.1.3.2, 5.1.3.3, 5.2.1, 5.2.3.5, 5.2.3.8, Figs. 4, 5, 17, Tables 33, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 3.2.2, Fig. 255
GB	2,093,857	1, 4	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, Fig. 10 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.2, 5.1.2.3, 5.2.1, 5.2.3, 5.2.3.2, 5.2.3.5, 5.2.3.8, Fig. 16, Tables 28, 29, 32, 35
GB	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
GB	2,372,863	1, 11	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.2.6, 5.2.3.4, 5.2.3.11, 11.4, 11.4.1, Fig. 47, Tables 31, 39

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
GB	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
GB	2,394,350	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 4, 4.2.1, 4.2.2, 8.17, Figs. 2, 4, 6, Table 34 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 4, 4.2.1, 4.2.2, 8.17, Figs. 2, 4, 6, Table 34
GB	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
GB	2,416,599	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, 4.5, Fig. 4 Communications Protocol: Secs. 4, 4.2.1, 8.17, Figs. 4, 6, Table 34 Power Delivery: Sec. 16.1 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, 4.5, Fig. 4 Communications Protocol: Secs. 4, 4.2.1, 8.17, Figs. 4, 6, Table 34 Power Delivery: Sec. 16.1
GB	2,436,096	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.1.1, 10, 10.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, 2.2.6.1.1, Figs. 15, 17
GB	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
GB	2,493,719	1	Qi Specification v.1.3.1 Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 5, 8.11, 8.13; Fig. 11; Table 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 5, 8.11, 8.13; Fig. 11; Table 12
GB	2,522,128	6	Qi Specification, V.1.3.1 (Aug. 2021) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21 Qi Specification v.2.0 (Apr. 2023) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21
GB	2,683,051	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13
GB	2,685,594	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 2.1, 2.3, representative power transmitter design B1: 2.3.1, 2.3.1.1.1, 2.3.1.1.2, Figs 151, 152, Table 103

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
GB	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
GB	2,693,235	1	Qi Specification v.2.0 (Aug. 2023) Power Delivery: Sec. 10; Fig. 11 Foreign Object Detection: Annex B.1; Fig. 18
GB	2,766,973	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Figs. 1, 2 Power Delivery: Secs. 3, 3.6; Fig. 3 MPP System: Secs. 1.1, 1.1.1, 1.1.2, 1.2, 1.2.1, 5.1, 5.3, 5.3.1, 5.3.2, 5.3.3; Figs. 2.2.2:3, 2.2.2:6, 6.1:62, 6.3.2.1:68
GB	2,784,718	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.4.2, 7, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.4.2, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3
GB	2,836,885	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: Sec. 1 Introduction: Sec. 3.1 Communications Physical Layer: Sec. 3 Communications Protocol: Secs. 1.2, 2.1, 2.3, 4, 4.2.1, 5, 7, Fig. 6 Power Transmitter Reference Designs: Secs. 1.2, 4.2
GB	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
GB	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
GB	2,882,070	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.2, 5.1.2.6, 5.1.3.6, 5.2.3.2, 10. 10.1, Figs. 16, 18, 19, Tables 29, 63

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
GB	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
GB	3,123,587	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27
GB	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
GB	3,285,195	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: 1 Introduction: Secs. 3.1, 3.2.1, 4.1, 4.5 Communications Physical Layer: 2 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.1, 4.2.2, 7, Figs. 2, 4, 5, 6 Power Delivery: Secs. 2, 3, 3.6, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Glossary: 1 Introduction: Secs. 3.1, 3.2.1, 4.1, 4.5 Communications Physical Layer: 2 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.1, 4.2.2, 7, Figs. 2, 4, 5, 6 Power Delivery: Secs. 2, 3, 3.6, Fig. 3
GB	3,300,213	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.1, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.3.6, 5.2.3.1, 5.2.3.8, 5.3.1, 5.3.2.3, 5.3.2.3.2, 5.3.3.3, 5.3.3.3.2, Figs. 4, 51, Tables 27, 54, 58, 60, Annex B, B.2, B.2.2, The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.3, 2.3.1, Fig. 150

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
GB	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
GB	3,373,461	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 4.2.1, 5, 5.1.5, 6 and 8.9; Fig. 2; Table 27 Power Delivery: Secs. 2 and 3; Figs. 2 and 3 Foreign Object Detection: Sec. 4.2.2 and Annex A; Fig. 6 PRx Test Tools: Sec. 5; Fig. 8
GB	3,376,586	7	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 2.1, 4.2.2, 6; Figs. 2, 21 Power Delivery: Secs. 2, 3.6; Fig. 2
GB	3,389,191	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7
GB	3,403,313	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.2.10, Figs. 27, 30
GB	3,407,466	1	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.2.5, 5.2.1.5, 11.3, 11.3.2, 11.4.3, 11.4.3.2, Fig. 23 The Qi Wireless Power Transfer System, Power Class 0 Specification, Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
GB	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
GB	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
GB	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
GB	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
GB	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
GB	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
GB	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
GB	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
GB	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
GB	4,236,025	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
GB	4,236,027	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
GB	4,236,030	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
GB	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
GB	4,254,730	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
GR	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
GR	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
HR	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
HU	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
HU	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
HU	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
HU	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
HU	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
HU	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
HU	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
HU	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
HU	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
IE	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
IE	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
IS	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
IT	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
IT	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
IT	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
IT	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
IT	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
IT	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
IT	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
IT	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
IT	3,123,587	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27
IT	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
IT	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
IT	3,403,313	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.2.10, Figs. 27, 30

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
IT	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
IT	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
IT	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
IT	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
IT	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7
IT	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
IT	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
IT	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
IT	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
IT	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
IT	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
IT	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
IT	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
IT	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
IT	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
JP	5,013,019	1	Qi Specification v.1.3.1 Glossary: Sec.1 NFC Tag Protection: Secs. 4.1.2, 5.2; Fig. 3 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec.1 NFC Tag Protection: Secs. 4.1.2, 5.2; Fig. 3

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
JP	5,059,720	8	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, Fig. 10 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3.2.4, 5.1.2.3, 5.1.2.6, 5.1.2.6.1, 5.1.3.6, 5.2.1, 5.2.2, 5.2.3.8, Figs. 16, 17, Tables 26, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2.2, A2, B3, Fig. 6
JP	5,172,050	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Sec. 8.5 Introduction: Sec. 4.2 Power Delivery: Figs. 2, 5 Power Transmitter Reference Designs: Secs. 10, 10.2, Fig. 25 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Sec. 8.5 Introduction: Sec. 4.2 Power Delivery: Figs. 2, 5 Power Transmitter Reference Designs: Secs. 10, 10.2, Fig. 13
JP	5,393,804	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Sec. 5.1.1, Annex B.2.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.3, 2.2.13, 2.2.13.1.1, 2.2.13.2, Figs. 39, 41, 42
JP	5,449,407	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2, 4.2.2, 4.2.3, 4.2.5, 5.1.5, Figs. 4, 5, 13, Table 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2, 4.2.2, 4.2.3, 4.2.5, 5.1.5, Figs. 4, 5, 13, Table 11
JP	5,584,805	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.2, 7, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.2, 7, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3
JP	5,623,536	1	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.5 Communications Protocol: Sec. 3 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, 4.5 Communications Protocol: Sec. 3
JP	5,635,423	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 4.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 5.1.1, 5.1.2, 10.1, Annex B.2.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.3.6, 2.3.6.2, Fig. 174
JP	5,651,724	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 3.2.4, 5.1.1, 5.1.2.2, 5.1.2.3, 5.1.2.6, 5.1.2.6.1, 5.1.3.2, 5.1.3.3, 5.2.1, 5.2.3.1, 5.2.3.3, 5.2.3.5, 5.2.3.8, 5.2.3.10, 5.3.1, 5.3.1.6, Figs. 17, 26, Tables 27, 30, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, e.g., Secs. 1.3, 2.1, A14, A19, A21
JP	5,840,886	1	Qi Specification v.2.0 (Apr. 2023) Power Delivery: Sec. 2 Foreign Object Detection: Secs. 4.2.1; Annex B.2.1 MPP System Specification: Figs. 2.2.2:4, 5.3.1:36; Table 5.3.1.2:17

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
JP	5,932,743	2	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3.15.1.2.2, 5.1.1., 5.1.2.3, 5.2.3.1, 5.1.2.6, 5.2.3.3 Figs. 5, Annexes B.2, B.2.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.3.1.2
JP	5,963,007	4	Qi Specification v.1.3.1 Introduction: Sec. 3.1 Communications Protocol: Secs. 7.3.4 and 8.7; Figs. 5 and 63 Power Delivery: Secs. 3 and 3.6 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 7.3.4 and 8.7; Figs. 5 and 63 Power Delivery: Secs. 3 and 3.6
JP	5,976,385	1	Qi Specification v.2.0 (Apr. 2023) Foreign Object Detection: Sec. 4.2.3; Annexes A, B.2.2 Glossary: Sec. 1
JP	5,988,146	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1, Fig. 6 Glossary: Sec. 1 Power Receiver Design Examples: Sec. 2.1.2, Fig. 3 NFC Tag Protection: Secs. 4.1.2, 5.2, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1, Fig. 3 Glossary: Sec. 1 Power Receiver Design Examples: Sec. 2.1.2, Fig. 3 NFC Tag Protection: Secs. 4.1.2, 5.2, Fig. 3
JP	6,040,899	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig.1 Power Delivery: Secs. 2, 3; Figs. 2, 3 MPP System Specification: Secs. 4.9.2.2
JP	6,061,014	1	Qi Specification v. 2.0 (Apr. 2023) Introduction: Secs. 3.1, 3.2.1.3, 3.2.1.6, 3.3.1.1; Fig. 3 MPP System: Sec. 3.2.1.1; Fig. 4.2.1.1:7
JP	6,160,880	1	Qi Specification v.1.3.1 Power Delivery: Secs. 2, 3, 3.1, 3.2, 3.3, and 3.6; Figs. 2 and 3 Communications Physical Layers: Sec. 2.1 Qi Specification v.2.0 (Apr. 2023) Power Delivery: Secs. 2, 3, 3.1, 3.2, 3.3, and 3.6; Figs. 2 and 3 Communications Physical Layers: Sec. 2.1
JP	6,315,483	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Power Delivery: Sec. 15.1 MPP Communications Protocol: Secs. 2.2.2, 2.2.3; Figs. 2.3, 2.9, 2.10, 7.20
JP	6,332,398	3	Qi Specification v.2.0 (Apr. 2023) Foreign Object Detection: Secs. 4.2, 4.2.3; Annexes A, B.2.1; Fig. 19 MPP System Specification: Figs. 2.2.2:4; 5.3.1:36

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
JP	6,346,677	1	Qi Specification, v.1.3.3 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 4.1.2, 4.2.2, and 6 Communications Physical Layer: Sec. 2 NFC Tag Protection: Secs. 5 and 5.2; Table 5 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 4.1.2, 4.2.2, and 6 Communications Physical Layer: Sec. 2 NFC Tag Protection: Secs. 5 and 5.2; Table 5
JP	6,362,001	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 4, 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 5.1.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.2.4, 5.1.3.1, 5.1.3.2, 5.1.3.3, 5.1.3.4, 9, 13.1, Fig. 18 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, *in passim*
JP	6,391,778	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.2 Communications Protocol: Secs. 1.6 and 6 Foreign Object Detection: Sec. 4.1 MPP Communications Protocol: Secs. 2.2.2, 3.1, 4.1; Figs. 2.9 MPP System Specification: Sec. 1.1.3
JP	6,425,528	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 Glossary: Sec. 1 MPP System Specification: Secs. 2.1, 4.5.1, 6.2.1 and 6.2.7
JP	6,497,614	1	Qi Specification V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 4.5, 8.4; Fig, 5; Table 21 Power Delivery: Secs. 2, 15.1, 16.1; Fig. 2 PTx Ref Designs: Secs. 10.2, 15.2, 34.2, 41, 41.2; Figs. 147, 148
JP	6,497,717	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.5.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 9.4, Figs. 2, 3, 21, 24, 28, 68, Tables 35, 36, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.5.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 9.4, Figs. 2, 3, 21, 24, 28, 68, Tables 35, 36, 47 Power Delivery: Sec. 7
JP	6,527,624	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1.6, 2.2, 4.2.1 and 6 MPP System Specification: Sec. 1.1.3 MPP Communications Protocol: Secs. 2.2.2 and 3.1; Fig. 2.9
JP	6,542,964	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, Fig. 6 Communications Physical Layer: Secs. 2, 2.1 Communications Protocol: Sec. 4 Power Delivery: Secs. 15.2, 16.1, 16.1.1, Fig. 19 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 3 Communications Physical Layer: Secs. 2, 2.1 Communications Protocol: Sec. 4 Power Delivery: Secs. 15.2, 16.1, 16.1.1, Fig. 19

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
JP	6,665,914	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 8.7 Power Delivery: Secs. 3.6, 10; Fig. 4 MPP System Specification: Sec. 4.10.2.1.1
JP	6,701,410	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1.6, 2.1, 2.2, 4.2.1 and 6 MPP System Specification: Sec. 1.1.3 MPP Communications Protocol: Secs. 2.1, 2.2.2 and 3.1; Fig. 2.9
JP	6,741,985	1	Qi Specification v.1.3.1 (Aug. 2021) Power Delivery: Sec. 15.2 Power Transmitter Reference Designs: Sec. 40.1.1; Fig. 140, Table 97 Qi Specification v.2.0 (Apr. 2023) Power Delivery: Sec. 15.2 Power Transmitter Reference Designs: Sec. 40.1.1; Fig. 91, Table 68
JP	6,748,249	21	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 7, 8.18, 8.18.3, 9.4, Figs. 3, 21, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 7, 8.18, 8.18.3, 9.4, Figs. 3, 21, Tables 35, 36, 38, 47 Power Delivery: Sec. 7
JP	6,757,452	1	Qi Specification v.2.2.1 MPP Communications Protocol: Secs. 5.8.2.5, 5.8.5, 5.8.5.1, 5.8.5.4, 5.8.5.4.1, 5.8.8.2; Figs. 20, 49 and 53
JP	7,054,852	10	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Mechanical, Thermal, and User Interface: Secs. 3.1, 4, 5.1 Power Delivery: Secs. 1, 2, 15, Fig. 2 Communications Protocol: Secs. 4.2.1, 7, 7.3.4, 7.3.7, 8.7, Figs. 6, 41 Foreign Object Detection: Sec. 3 NFC Tag Protection: Sec. 2.2.1 Power Transmitter Reference Designs: Sec. 48, Fig. 189 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Mechanical, Thermal, and User Interface: Secs. 3.1, 4, 5.1 Power Delivery: Secs. 1, 2, 15, Fig. 2 Communications Protocol: Secs. 4.2.1, 7, 7.3.4, 7.3.7, 8.7, Figs. 6, 41 Foreign Object Detection: Sec. 3 NFC Tag Protection: Sec. 2.1.1 Power Transmitter Reference Designs: Sec. 49, Fig. 104
JP	7,203,901	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 MPP System: Secs. 1.1.4, 1.3.1, 1.3.3, 4.3.1.1, 4.10.2.1.1 and 4.10.2.2; Fig. 2.2.2:4 PRx Design Examples: Fig. 5

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
JP	7,233,898	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Sec. 2.2.1 NFC Tag Protection: Secs. 3.2, 4, 4.3 and 4.3.2.1.1 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 2.2.1 NFC Tag Protection: Secs. 3, 4, 4.3 and 4.3.2.1.1
JP	7,278,356	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Sec. 6.6.1 NFC Tag Protection: Secs. 4, 4.3, 4.3.1, 4.3.2, Table 5 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 6.6.1 NFC Tag Protection: Secs. 4, 4.3, 4.3.1, 4.3.2, Table 5
JP	7,336,581	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Fig. 21 NFC Tag Protection: Secs. 3, 3.1 , 4, 4.3, 5, Table 5 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Fig. 21 NFC Tag Protection: Secs. 3, 4, 4.3, 5, Table 5
JP	7,413,594	1	Qi Specification v.1.3.1 Introduction: Sec. 3.1 Communications Protocol: Sec. 6.1 NFC Tag Protection: Secs. 2, 2.1, 3.2, and 4 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 6.1 NFC Tag Protection: Secs. 2, 3, 4
JP	7,423,551	1	Qi Specification v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1, 2.1, 6.6.5.1, 6.6.5.3, 8.9; Figs. 21, 23, and 25 Foreign Object Detection: Sec. 5 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1, 2.1, 6.6.5.1, 6.6.5.3, 8.9; Figs. 21, 23, and 25 Foreign Object Detection: Sec. 5
JP	7,449,083	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 1 Communications Protocol: Fig. 4 Foreign Object Detection: Sec. 4.1; Fig. 18; Annex B.1
JP	7,467,716	1	Qi Specification v.1.3.1 Introduction: Sec. 3.1 Communications Protocol: Fig. 21 NFC Tag Protection: Secs. 3, 3.1, 4, and 5 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Fig. 21 NFC Tag Protection: Secs. 3, 4, and 5

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
JP	7,469,534	1	Qi Specification v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1, 2.2.1, 4.1.3, 6, 6.6, 6.6.1, 6.6.5.3, 7 and 8.9; Figs. 21, 25, and 27; Tables 27 and 40 Foreign Object Detection: Secs. 4 and 4.1.3 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1, 2.2.1, 4.1.3, 6, 6.6, 6.6.1, 6.6.5.3, 7 and 8.9; Figs. 21, 25, and 27; Tables 27 and 40 Foreign Object Detection: Secs. 4 and 4.2.3
JP	7,496,459	1	Qi Specification v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1, 1.2, 6, 6.6.5.3, 7, and 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4 and 4.1.3 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1, 1.2, 6, 6.6.5.3, 7, and 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4 and 4.2.3
JP	7,514,110	1	Qi Specification v.1.3.1 Introduction: Sec. 3.1 Communications Protocol: Secs. 2 and 8.15 Foreign Objection Detection: Secs. 5.2.2, 5.2.3; Fig. 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2 and 8.15 Foreign Objection Detection: Secs. 5.2.2, 5.2.3; Fig. 12
JP	7,525,564	1	Qi Specification v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 8.9; Fig. 21; Table 27 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 8.9; Fig. 21; Table 27
JP	7,538,915	1	Qi Specification v.1.3.1 Introduction: Sec. 3.1 Communications Protocol: Fig. 11 NFC Tag Protection: Secs. 3.2, 4, 4.3.2, and 4.3.3.2 Qi Specification v.2.0 (Apr. 2023) Qi Specification v.1.3.1 Introduction: Sec. 3.1 Communications Protocol: Fig. 11 NFC Tag Protection: Secs. 3.2, 4, 4.3.2, and 4.3.3.2
JP	7,581,422	1	Qi Specification v.2.2.1 Introduction: Sec. 3.1 Power Delivery: Sec. 2 and 3.2; Figs. 2 and 3 MPP System: Secs. 2.4.2, 5.9.1.2.1, 5.11.2.2.1 and 5.12.3.1; Figs. 145 and 152
JP	7,592,830	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 7, 8.15; Table 32 Foreign Object Detection: Sec. 5.2.2; Fig. 14 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1. Communications Protocol: Secs. 7, 8.15; Table 32 Foreign Object Detection: Sec. 5.2.2; Fig. 15
JP	7,614,725	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Fig. 2 Foreign Object Detection: Annex B.2.1 MPP System: Secs. 6.2.1, 6.3.8.1

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
JP	7,614,750	1, 7	Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Communications Protocol: Sec. 5; Fig. 11 Power Delivery: Sec. 16.1.2
JP	7,620,665	1	Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Communications Protocol: Secs. 6, 8.9; Fig. 21; Table 27 Foreign Object Detection: 4, 4.2, 4.2.3
JP	7,624,045	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 2 MPP System: Secs. 3.2.3, 3.3.1, 7.1.4; Fig. 12
JP	7,630,234	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2, 6.1, and 8.15 Power Delivery: Sec. 3.2; Fig. 3 Foreign Object Detection: Secs. 5.2.3.2, 5.2.3.3; Fig. 13
JP	7,645,952	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 8.7; Table 24 MPP Communications Protocol: Secs. 3.3.1, 3.3.3; Figs. 3.3 and 3.6
JP	7,652,980	1	Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Communications Protocol: Sec. 5; Fig, 4 Power Delivery: Sec. 16.1.2; Fig. 20
JP	7,654,858	1	Qi Specification, v.1.3.1 (Aug 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 5.6.1, 8.11; Fig. 11 NFC Tag Protection: Secs. 2.2.1, 3.2, and 4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 5, 6.1, 8.11; Fig. 11 NFC Tag Protection: Secs. 2.1.1, 3, and 4
JP	7,655,976	1	Qi Specification, v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7 and 8.9; Figs. 21, 22; Table 27
JP	7,661,594	1	Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Communications Protocol: Fig. 4 Foreign Object Detection: Secs. 4 and 4.1; Figs. 3 and 18; Annex B.1
JP	7,667,899	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Foreign Object Detection: Annex B.1 MPP System Specification: Secs. 4.3.1.2, 4.7.1.1, 4.7.1.2, 4.7.1.3, 6.1, 6.2.1; Fig. 7.2.1

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
JP	7,686,122	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Power Delivery: Sec. 3; Figs. 3, 4 Communications Protocol: Secs. 2, 5, 8.11, 8.15; Fig. 11 Foreign Object Detection: Secs. 5.2.2, 5.2.3; Fig. 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Power Delivery: Sec. 3; Figs. 3, 4 Communications Protocol: Secs. 2, 5, 8.11, 8.15; Fig. 11 Foreign Object Detection: Secs. 5.2.2, 5.2.3; Fig. 13
JP	7,707,088	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 5, 8.11; Fig. 11; Table 29 MPP Communications Protocol Secs. 4.3.1; 4.3.2, 7.1.18; Figs. 4.5 and 7.18; Tables 7.1.18 and 7.22
JP	7,710,552	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Glossary: Sec. 1 Communications Protocol: Secs. 4, 5, 8.11, Figs. 4, 11; Table 29 Foreign Object Detection: Secs. 4.1; Figs. 3, 18; Annex B.1
JP	7,743,598	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 5, 8.11, Figs. 2, 11 Foreign Object Detection: Annex B 2.1; Fig. 19 MPP System Specification: Secs 6.2.1, 6.3.7.1
JP	7,748,586	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 2 MPP Communications Protocol: Secs 3.3.1, 3.3.3, 3.4, 3.4.6, and 7.1.4; Fig. 3.3; Table 7.6
JP	7,748,589	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 2; Fig. 11 MPP Communications Protocol: Secs 3.3.1, 3.3.2, 3.3.3 and 7.1.4; Fig. 3.3 and 3.4
JP	7,756,766	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 MPP Communications Protocol: Secs 3.2.4, 3.4.8, 5.1, 5.3, 5.5, and 7.1.7
JP	7,759,519	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 8.7 MPP Communications Protocol: Secs 3.3.1, 3.3.3; Figs 3.3, 3.6
JP	7,767,563	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 7, 8.15 Foreign Object Detection: Sec. 5.2.2; Fig. 14 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 7, 8.15 Foreign Object Detection: Sec. 5.2.2; Fig. 15

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
JP	7,789,139	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2, 6.1 and 8.15; Fig. 11 Power Delivery: Secs. 3, 3.2; Figs. 3, 4 Foreign Object Detection: Secs. 5.2.3.2 and 5.2.3.3; Fig. 13
JP	7,802,224	1	Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Communications Protocol: Sec. 5; Fig, 4 Power Delivery: Sec. 16.1.2; Fig. 20
JP	7,805,849	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 MPP Communications Protocol: Secs 3.4, 3.4.8, 5.3.1, 5.4, 5.5 and 7.1.6
JP	7,809,858	1	Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Communications Protocol: Figs. 4 and 11 Foreign Object Detection: Secs. 4 and 4.1; Figs. 3 and 18; Annex B.1
JP	7,823,248	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 MPP Communications Protocol: Secs. 4.3.1, 4.3.2 and 7.1.8; Figs. 4.5 and 7.1.8; Tables 4.2 and 7.22
JP	7,875,361	1, 3	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2, 7, 7.2.4.7 MPP Communications Protocol: Secs. 3.3.3, 3.4.6; Fig. 3.3; Table 7.6 Authentication Protocol: Sec. 5.2.2
KR	859,445	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.2, 1.5, 3.1, 3.1.2, 5.2, 5.2.1, 5.2.3.5, 5.3, 5.3.1, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 3.1, 3.1.2, Fig. 226
KR	874,837	5	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.2, 1.5, 5.1.1, 5.1.1.1, 5.1.2.6, 5.1.3.4.2, 5.1.3.4.2.4, 5.1.3.6, 5.2.3.2, 5.2.3.5, 6, 6.1, 9, Figs. 16, 18, Table 29
KR	915,842	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 5.1.1, Annex B.2.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 2.2.33, 2.2.33.1, 2.2.33.1.1, Fig. 138, 139, 140, 141, 142, Table 99
KR	928,439	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 5.1.1, Annex B.2.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 2.2.33, 2.2.33.1, 2.2.33.1.1, Fig. 138, 139, 140, 141, 142, Table 99
KR	971,701	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4.4, 4.5, Figs. 4, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 5.1.2, 5.1.2.6, 13, 13.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, 2.2.21.1.1, 2.2.32.1.1, 2.2.33.1.1, 2.3.2, A2, A14, A19, A21, B1, Figs. 3-73, 141(c), 142
KR	971,737	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 5.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 5.1.1, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.2.6, 5.2.3, 5.2.3.2, 5.2.3.5, Figs. 16, 24, Tables 11, 14, 28, 29, 32, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, 2.1, A2, A14, A19, A21, B1, Fig. 141(c)
KR	971,748	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.2.4, 4.2, 5.1.1, 5.1.2.2, 5.1.2.3, 5.1.2.6, 5.2.1, 5.2.3.2, 5.2.3.5, Fig. 7, Tables 28, 29, 32, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, e.g., A2, B2
KR	976,120	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.4, 5.1.3, 5.1.3.2, 5.1.3.4.2.4, 5.2, 5.2.1, 5.3, 5.3.1, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 2.2.14, Fig. 48

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
KR	976,163	8	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.2, 1.5, 5.1.1, 5.1.2.3, 5.2.3.8, 10, 10.1, B.2, B.2.1, Fig. 50 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 2.2.4, 2.2.4.1, 2.2.4.1.1, 2.2.4.1.2, Figs. 10, 11, 12, 13
KR	1,037,432	1, 6	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Communications Protocol: Secs. 2, 4, 4.1, 4.1.3, 4.2, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 5.1, 5.1.5, Figs. 4-8, 10, 13, Table 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Protocol: Secs. 2, 4, 4.1, 4.1.3, 4.2, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 5.1, 5.1.5, Figs. 4-8, 10, 13, Table 11
KR	1,171,970	9	Qi Specification, v. 2.0 (Apr. 2023) Introduction: Secs. 3, 3.1, 4, 4.2; Fig. 3 Communications Protocol: Secs. 2.2, 2.2.1, 8.18.3; Fig. 3; Table 38 MPP Communications Protocol: Secs. 7, 7.1, 7.1.20, 7.2, 7.2.10; Figs. 7.20, 7.31 MPP System Specification: Secs. 4.2.1.3.1, 4.7, 4.7.1, 4.7.1.1, 4.7.1.2, 4.7.1.3, 4.7.1.3.2; Figs. 5.2.1.3.1:31
KR	1,179,126	1, 5	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Communications Physical Layer: 2, 2.4, Fig. 5 Communications Protocol: Sec. 2.3 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Physical Layer: 2, 2.4, Fig. 5 Communications Protocol: Sec. 2.3
KR	1,228,556	9, 11	Qi Specification, v. 2.0 (Apr. 2023) Communications Protocol: Secs. 5.1.6, 5.1.6.1, 8.17; Figs. 13, 14; Table 34 Power Delivery: Sec. 3; Fig. 3 Power Transmitter Reference Designs: Secs. 17, 17.1.1; Figs. 27, 29
KR	1,304,314	1	Qi Specification v.2.0 (Apr. 2023) PTx Ref. Designs: Secs. 40, 40.2; Figs. 90, 93 Foreign Object Detection: Annex B. 2.2; Fig. 20
KR	1,350,312	1	Qi Specification v.2.0 (Apr. 2023) NFC Tag Protection: Secs. 1.2, 4.1, 4.1.1, 4.2, 4.2.2: Figs. 2, 6 PTx Ref. Designs: Sec. 60, 60.2; Figs. 128, 132
KR	1,404,012	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1, 4, 4.2; Fig. 3 Power Delivery: Sec. 2; Fig. 2 Glossary: Sec. 1 PTx Ref. Designs: Secs. 12, 12.1.2, 12.1.3; Figs. 14, 16
KR	1,434,416	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1, 3.2.2 Power Transmitter Reference Designs: Secs. 44, 44.2, 44.2.1, Figs. 173, 177, 179
KR	1,552,480	1	Qi Specification v.1.3.1 (August 2021) Glossary: Sec. 1 Introduction: Secs. 3, 3.1, and 4.5 Communications Protocol: Secs. 3, 8, 8.11, 9, 9.7; Table 29 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Introduction: Secs. 3, 3.1, and 4.5 Communications Protocol: Secs. 3, 8, 8.11, 9, 9.7; Table 29

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
KR	1,601,909	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.1, 2.2.1, 4, 6, 6.2, 7, 8.18, 8.18.3, 9.4, Figs. 2, 3, 4, 5, 11, 21, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.1, 2.2.1, 4, 6, 6.2, 7, 8.18, 8.18.3, 9.4, Figs. 2, 3, 4, 5, 11, 21, Tables 35, 36, 38, 47 Power Delivery: Sec. 7
KR	1,653,759	20	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.2, 1.5, 5.1.1, 5.1.2.2, 5.1.3.2, 10. 10.1, B.2, B.2.1, B.2.2, Figs. 19, 44, 50, 51, Tables 8, 63 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 2.2.6, 2.2.6.1, 2.2.6.1.1, Fig. 17
KR	1,760,817	1	Qi Specification, v. 2.0 (Apr. 2023) Communications Protocol: Secs. 4, 5; Figs. 4, 11 Power Delivery: Sec. 15.1; Fig. 18 MPP Communications Protocol: Secs. 2.2.2, 2.3.3, 7, 7.1.20; Figs. 2.3, 2.9, 2.10, 7.20
KR	2,083,407	1	Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 4, 6, 6.3, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Power Delivery: Secs. 2, 3, 3.6; Figs. 2-4 Foreign Object Detection: Secs. 4.2, 4.2.1, 4.2.2 PRx Design Examples: Secs. 2.2, 3.2, 4.2, 5.2, 6.2; Figs. 4, 8.11, 14, 17
KR	2,108,502	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.1, 2.2.1, 6, 6.6.5.1, 6.6.5.6, 7, 8.10, 8.18.3, 9.4, Figs. 2, 3, 22, 24, 28, Tables 28, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.1, 2.2.1, 6, 6.6.5.1, 7, 8.10, 8.18.3, 9.4, Figs. 2, 3, 22, 24, 28, Tables 28, 38, 47 Power Delivery: Sec. 7
KR	2,126,745	8, 9	Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Protocol: Sec. 2.1; Fig. 2 Power Delivery: Secs. 15, 15.1, 16, 16.1; Fig. 18 PTx Ref. Designs: Secs. 39, 40.2.1, 60, 60.1.1, 60.2.1; Figs. 94, 128, 130
KR	2,136,667	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.5, 3.1, 5.1.1, 5.1.3.3, 5.1.3.6, 5.2.3.7, 5.2.3.11, 11.4 11.4.1, 11.4.2, 11.5, Figs. 5, 16, 47
KR	2,142,558	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, 4.5: Fig. 3 Communications Protocol: Secs. 4, 5, 8.4; Figs. 4, 11; Table 21 Communications Physical Layer: Secs. 2, 3 NFC Tag Protection: Secs. 4, 4.1, 4.2, 4.2.2; Figs. 5, 6 PTx Reference Designs: Sec. 8; Fig. 2
KR	2,205,359	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 5.1.1, 5.1.3.3, 5.1.3.6, 5.2.2, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, 11.4.2, 11.5, Figs. 5, 16, 41, Table 34, 39
KR	2,211,665	13	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 5.1.1, 5.1.3.3, 5.2.2, 5.2.3.7, 11, 11.2, 11.5, Figs. 4, 16, 48, Table 34
KR	2,268,987	1	Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Sec. 8.3; Table 20 Power Delivery: Sec. 2; Fig. 2 MPP Communications Protocol: Secs. 4.5, 4.5.3, 7.2.5; Figs. 4.8, 7.26; Table 7.30 MPP System Specification: Secs. 1.1.4, 1.2, 1.2.1, 1.2.2, 1.3, 1.3.1, 1.3.3, 4.3.1.1, 4.10, 4.10.2.1.1, 4.10.2.1.2, 4.10.2.2, 4.10.2.4; Figs. 2.2.2:3, 2.2.2:4, 5.3.1.1:37

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
KR	2,328,496	1	Qi Specification v.2.0 (Apr. 2023) Power Delivery: Sec. 2; Fig. 2 PRx Design Examples: Sec. 2.2; Fig. 5 MPP Communications Protocol: Secs. 4.5, 4.5.3, 5, 5.1, 5.3.1, 5.8, 7.1.1; Figs. 4.8, 5.1, 5.13, 7.1; Tables: 7.2, 7.3 MPP System Specification: Secs. 1.2, 1.2.1, 1.2.2, 1.3.3, 4.3.1.1, 4.10, 4.10.2.1.1, 4.10.2.2; Figs. 2.2.2:4, 5.3.1.1:37
KR	2,338,396	11	Qi Specification v.1.3.1 (Aug 2021) Communications Protocol: Secs. 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3 and 8.9; Figs. 21, 22, 23, and 25; Table 27 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3 and 8.9; Figs. 21, 22, 23, and 25; Table 27
KR	2,509,314	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.1, 6, 6.6, 6.6.1, 6.6.5.1, 6.6.5.3, 7, 8.9, Figs. 2, 22, 23, 24, 26, 41, Table 27 Foreign Object Detection: Secs. 4, 5 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.1, 6, 6.6, 6.6.1, 6.6.5.1, 6.6.5.3, 7, 8.9, Figs. 2, 22, 23, 24, 26, 41, Table 27 Foreign Object Detection: Secs. 4, 5
KR	2,592,807	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Sec. 4.1 Glossary: Sec. 1 Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 21, 22, 23, and 25; Table: 27 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 4.1 Glossary: Sec. 1 Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 21, 22, 23, and 25; Table: 27
KR	2,617,560	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 1 Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 21, 22, 23, and 25; Table: 27 Foreign Object Detection: Secs. 4.1.2, 4.1.3; Fig. 5 Power Delivery: Sec. 3; Fig. 3 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 21, 22, 23, and 25; Table: 27 Foreign Object Detection: Secs. 4.2.2, 4.2.3; Fig. 5 Power Delivery: Sec. 3; Fig. 3
KR	2,622,762	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Protocol: Secs. 8.5, 8.15; Tables 22, 32 Foreign Object Detection: Secs. 5.2.1, 5.2.2, 5.2.3; Figs. 11, 13
KR	2,644,912	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 1 Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, and 8.9; Figs. 22, 23, 24, and 26; Tables: 24 and 27 Foreign Object Detection: Secs. 4.1.2; Fig. 5 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, and 8.9; Figs. 22, 23, 24, and 26; Tables: 24 and 27 Foreign Object Detection: Secs. 4.2.2; Fig. 5

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
KR	2,678,518	1	Qi Specification v.1.3.1 Introduction: Sec. 3.1 Communications Protocol: Sec. 6; Fig. 21 NFC Tag Protection: Secs. 2.2.1, 3, 3.1, and 4; Tables 5 and 6 Qi Specification, V.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 6; Fig. 21 NFC Tag Protection: Secs. 2.2.1, 3, and 4; Tables 5 and 6
KR	2,719,208	15	Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.5, and 8.9; Figs. 3, 21, 22, 23, and 25; Tables 22 and 27 Power Delivery: Secs. 2, 3, 3.2, and 3.3; Figs. 2 and 4 Foreign Object Detection: Secs. 5.2 and 5.2.2; Fig. 12 PRx Design Examples: Secs. 3.2, 5.2, and 6.2; Figs. 8, 14 and 17
KR	2,764,634	1	Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Communications Protocol: Secs. 2, 6, 8.9; Fig. 21; Table 27 Foreign Object Detection: Secs. 2, 4, 4.2, 4.2.2, 4.2.3; Figs. 4, 6
KR	2,834,861	1	Qi Specification, v. 2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.1, 6, 6.3, 6.6, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23, 25, 40; Table 27 Foreign Object Detection: Secs. 4, 4.2, 5
KR	2,847,612	1	Qi Specification, v. 2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2, 2.1, 6, 6.3, 6.6, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23, 25, 40 and 41; Table 27 Foreign Object Detection: Secs. 4, 4.2, 5, 5.2, 5.2.1; Figs. 10, 11
KR	2,857,624	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Physical Layer: Sec. 3 Communications Protocol: Secs. 2.2, 6, 6.1, 7, 7.2, 7.2.1, 8.18.2, 9.2; Figs. 21, 46; Tables 37, 45
KR	2,896,138	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, 3.1; Fig. 1 Communications Protocol: Secs. 6, 6.1, 7, 7.2, 7.2.1, 8.18.2, 9.2; Figs. 21, 46; Tables 37, 45
LI	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
LI	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
LI	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
LI	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
LI	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
LI	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
LI	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
LI	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
LI	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
LI	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
LI	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
LT	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
LT	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
LT	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
LT	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7
LT	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
LT	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
LT	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
LT	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
LT	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
LT	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
LT	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
LU	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
LU	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
LU	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
LU	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
LU	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
LU	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
LU	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
LU	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
LU	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
LU	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
LU	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
LV	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
LV	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
LV	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
LV	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7
LV	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
LV	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
LV	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
LV	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
LV	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
LV	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
LV	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
MC	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
MK	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
MT	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
MT	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
MT	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
MT	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7
MT	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
MT	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
MT	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
MT	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
MT	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
MT	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
MT	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
NL	2,066,000	10, 11	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 3, 3.1.1, 3.1.2, 3.1.3, 3.1.7, 5.1, 5.1.1, 5.1.3.2, 5.1.3.3, 5.2.1, 5.2.3.5, 5.2.3.8, Figs. 4, 5, 17, Tables 33, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 3.2.2, Fig. 255
NL	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
NL	2,372,863	1, 11	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.2.6, 5.2.3.4, 5.2.3.11, 11.4, 11.4.1, Fig. 47, Tables 31, 39
NL	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
NL	2,394,350	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 4, 4.2.1, 4.2.2, 8.17, Figs. 2, 4, 6, Table 34
NL	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
NL	2,416,599	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, 4.5, Fig. 4 Communications Protocol: Secs. 4, 4.2.1, 8.17, Figs. 4, 6, Table 34 Power Delivery: Sec. 16.1 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, 4.5, Fig. 4 Communications Protocol: Secs. 4, 4.2.1, 8.17, Figs. 4, 6, Table 34 Power Delivery: Sec. 16.1
NL	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
NL	2,683,051	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13
NL	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
NL	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
NL	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
NL	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
NL	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
NL	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
NL	3,373,461	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 4.2.1, 5, 5.1.5, 6 and 8.9; Fig. 2; Table 27 Power Delivery: Secs. 2 and 3; Figs. 2 and 3 Foreign Object Detection: Sec. 4.2.2 and Annex A; Fig. 6 PRx Test Tools: Sec. 5; Fig. 8
NL	3,389,191	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7
NL	3,407,466	1	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.2.5, 5.2.1.5, 11.3, 11.3.2, 11.4.3, 11.4.3.2, Fig. 23 The Qi Wireless Power Transfer System, Power Class 0 Specification, Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
NL	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
NL	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
NL	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
NL	3,694,080	1, 15	Qi Specification v.2.2.1 Glossary: Sec. 1 Technical System Overview: Secs. 4 and 5; Fig. 11; Tables 1 and 2 Communications Protocol: Secs. 4, 4.2.2 and 5.1; Figs. 4, 7 and 13 MPP Communications Protocol: Secs. 5.8.4 and 8.2.26; Fig. 154 MPP System: Secs 5.2.1.1, 5.2.1.2, 5.7.2.3.3, 5.7.2.12.1, 5.8.2.13, 5.11.2.2.1 and 5.11.2.2.3; Annexes D, D.3, D.4.1 and D.6.2; Figs. 222, 223, and 224; Table 25
NL	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
NL	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7
NL	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
NL	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
NL	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
NL	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
NL	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
NL	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
NL	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
NL	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
NL	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
NO	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
NO	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
NO	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
NO	4,221,094		Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
PL	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
PL	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
PL	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
PL	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
PL	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, , Figs. 16, 18, Table 11

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
PL	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
PL	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
PL	3,407,466	1	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.2.5, 5.2.1.5, 11.3, 11.3.2, 11.4.3, 11.4.3.2, Fig. 23 The Qi Wireless Power Transfer System, Power Class 0 Specification, Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
PL	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
PL	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
PL	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
PL	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
PL	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
PL	4,236,025	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
PL	4,236,027	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
PL	4,236,030	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
PL	4,254,730	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
PT	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
PT	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
PT	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
PT	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
PT	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7
PT	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
PT	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
PT	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
PT	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
PT	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
PT	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
PT	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
RO	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
RO	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
RO	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
RO	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
RO	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
RO	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
RO	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
RO	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
RO	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
RO	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
RO	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
RO	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
RO	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
RS	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
SE	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
SE	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
SE	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
SE	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
SE	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
SE	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
SE	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
SE	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
SE	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
SE	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
SE	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
SE	3,389,191	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7
SE	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
SE	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
SE	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
SE	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
SE	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
SE	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
SE	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
SE	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
SE	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
SE	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
SE	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
SE	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
SE	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
SI	3,335,926 C0	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
SI	3,651,374 C0	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
SI	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
SI	3,906,178 C0	1	Qi Specification v.2.0 (Aug. 2023) Glossary: Sec. 1 Authentication Protocol: Secs. 2, 2.3, 2.3.2, 4, 5, 5.3, 5.3.2, 5.3.3, 8, 8.6, 8.6.1, 8.6.1.5 and 8.6.1.9; Tables 18 and 19 Communications Protocol: Secs. 2, 2.4 and 7

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
SI	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
SI	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
SI	4,236,025 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Fig. 4
SI	4,236,027 C0	1	Qi Specification v.2.0 (Aug. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9; Figs. 21, 22, 23, 25; Tables 24, 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.3; Fig. 4
SI	4,236,030 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6.4, 6.6.5.1, 6.6.5.3, 7, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Foreign Object Detection: Secs. 4, 5, 5.1
SI	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
SI	4,254,730 C0	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.1 Communications Protocol: Secs. 1, 2.1, 6, 6.6, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 2, 21, 22, 23 and 25; Tables 4 and 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 3, 4, 4.1, 4.2, 4.2.3 PTx Reference Design: Sec. 10; Fig. 10
SK	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
SK	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
SK	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
SM	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
TR	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
TR	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
TR	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
TR	2,436,096	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.1.1, 10, 10.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, 2.2.6.1.1, Figs. 15, 17
TR	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
TR	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
TR	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, , Figs. 16, 18, Table 11
TR	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
TR	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
TR	3,123,587	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27
TR	3,403,313	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.2.10, Figs. 27, 30
TR	3,407,466	1	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.2.5, 5.2.1.5, 11.3, 11.3.2, 11.4.3, 11.4.3.2, Fig. 23 The Qi Wireless Power Transfer System, Power Class 0 Specification, Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
TR	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
TR	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
TR	3,651,374	1	Qi Specification v.2.0 (Aug 2023) Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.1, 4.2, 4.2.1 and 4.2.3; Annex B.1; Figs. 5 and 18
TR	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
TR	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
US	7,385,357	6	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.11, 5.1.2.6.1, 5.2, Fig. 17
US	7,825,625	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4.5, Fig. 4 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 2.2, 5.1.1, 5.1.2.6.1, 5.1.3.6, 5.2.1, 5.3.1, Figs. 16 and 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2.2, Fig. 6

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	7,868,587	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.1.6, 5.2.1, 5.2.2.1, 5.3.2.1, 11.1, 11.2, Figs. 4, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 3.1, 3.1.2, 3.2, 3.3, 3.4, Figs. 251, 255, 258, 261
US	7,990,326	1	Qi Specification, v. 2.0 (Apr. 2023) PTx Ref Designs: Secs. 40, 40.1.1; Figs. 91, 91(a), 91(b), 91(c)
US	8,004,235	22	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 3.1.4, 3.2.1, 5.1.1, 5.1.2.6.1, 5.1.3.6, 5.2.1, 5.2.2.1, 5.2.3.2, 5.2.3.8, 5.1.1.1, Figs. 4, 17, Tables 28, 30 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 3.1.2, Figs. 251, 255, 258, 261
US	8,097,984	20	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1.4, 5.2.1, 5.2.2.1, 5.2.2.3, 5.2.3.7, 5.2.3.8, 5.1.1.1, Figs. 16, 18, Tables 34-36 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.11.1, 2.2.11.2, Figs. 31 and 34
US	8,188,854	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 3.1.4, 5.2.1, 5.2.2.1, 5.2.2.2, Fig. 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2, 2.2.11.1 Fig. 31
US	8,258,653	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.3, 5.1.2.3.1, 5.1.2.6, 5.1.2.6.1, 3.2.4, 10, 10.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, 2.1, 2.3.6, 2.3.6.2, 2.3.6.3, Fig. 180
US	8,290,463	1, 3, 6, 7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Secs. 1.5, 4, 4.2, Figs. 29, 49, 52, 53, 54, 55, Annex B The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Figs. 27, 30
US	8,299,753	1, 15	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Sec. 1.5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, 2.3.1, 2.4.6, Figs. 16. 17, 151, 152, 161, 162, 164, 210, 211, 212, Tables 8, 108, 145, 146
US	8,344,552	42	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4.4, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 3.2.4, 5.1.3.6, 5.2.2.4, Fig. 10
US	8,406,165	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 2.3, 4, 4.1, 5, 5.1, Figs. 4, 5, 12, 13 Power Reference Transmitter Designs: Secs. 2.1, 2.2 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 3 Communications Protocol: Secs. 2.3, 4, 4.1, 5, 5.1, Figs. 4, 5, 12, 13 Power Reference Transmitter Designs: Secs. 2.1, 2.2
US	8,427,011	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4.4, 4.5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.2, 5.1.2.6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.2, 2.2.21.1.1, 2.2.32,1.1, 2.2.33.1.1, 2.3.1.1.2, 2.3.2, Figs. 3-73, 24, 67, 76, 107, 124, 130, 131, 137, 141, 141(c), 142, 145, 146, 152, 159, 166, 173
US	8,446,045	1	Qi Specification, v. 1.2.3 Part 4 Reference Designs: Secs. 2.2.2, 2.2.2.1, 2.2.2.1.1, 2.2.2.1.2, 2.2.2.2, 2.2.27, 2.2.27.1, 2.2.27.1.1, 2.2.27.1.2; 2.2.27.2; Figs. 5, 6, 100, 101, 102; Tables 1, 73
US	8,446,046	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.2, 5.1.2.1, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10
US	8,471,410	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4.4, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1.1, 3.1.1, 3.2.4, 8.1, Figs. 3, 6, 10, 43 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.2.1.2, 2.2.2.2, 3.1.1.2, Figs. 5, 6, 225
US	8,519,668	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Sec. 1.5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, 2.3.1, 2.4.6, Figs. 16, 17, 18, 151, 152, 162, 164, 210, 211, 212, Tables 8, 108, 145, 146

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	8,552,593	1, 12	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 3.2.2, 3.2.2.1, 5.1.1, 5.1.2.2, 5.1.2.6.1, 5.1.3, 5.1.3.6, 5.2, 5.2.1, 5.2.2.1, 5.2.2.2, 5.2.2.3, 5.2.3.4, 5.2.3.5, 5.2.3.6, 10, 10.1, 10.2, Figs. 16, 17, 19, 24, 35, 36, Tables 8, 24
US	8,554,165	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 5.2, 5.2.2, 5.2.2.1, Fig. 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 3.1, 3.2, 3.5, Figs. 251, 255, 264
US	8,558,412	1, 3, 15	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Sec. 4.2 Glossary: Sec. 1 ("Operating Point") Commuications Protocol: Secs. 7, 7.3.2, 8.5; Fig. 62; Table 22 Power Delivery: Secs. 2, 3, 3.4, 7, 10; Figs 2, 3, 11; Table 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.2 Glossary: Sec. 1 ("Operating Point") Commuications Protocol: Secs. 7, 7.3.2, 8.5; Fig. 62; Table 22 Power Delivery: Secs. 2, 3, 3.4, 7, 10; Figs 2, 3, 11; Table 11
US	8,587,154	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 3.1.1, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, 2.3.1, 2.3.1.1.1, 3.1, 3.1.2, Figs. 30, 150, 151, 153, 251
US	8,618,697	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 3.1.5, 5.1.1.1, 5.1.3.3, 5.2.1, 5.3.1, 5.3.3.2, 5.3.3.3, Figs. 4, 18, Tables 57, 58
US	8,620,484	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 2.1, 2.1.1, 3.1, 5.1.1.1, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.1, 11.4.1, Figs. 3, 4, 47, Table 31 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.1.3, 2.2.10.2, Figs. 27, 30
US	8,629,578	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 1, 3, 3.1.1, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1.5,3.1.1, 3.2.4, 5.1.3.6, 5.2.3.2, Figs. 6, 10, Table 29 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.2, 2.2.2.2, Figs. 3, 6
US	8,664,914	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 4.5, 10, Annex B.3, Fig. 53 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.2, 2.2.2.1.4, Fig. 3
US	8,724,277	6	Qi Specification, V.1.3.1 (Aug. 2021) Communications Physical Layer: Secs. 2, 3 Power Delivery: Secs. 2, 16.1.3, 16.1, Figs. 2, 21 Qi Specification v.2.0 (Apr. 2023) Communications Physical Layer: Secs. 2, 3 Power Delivery: Secs. 2, 16.1.3, 16.1, Figs. 2, 21
US	8,760,010	8, 17	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3.1.1, 3.2.1, 3.2.4, 5.1.2.6, 5.1.2.6.1, 5.1.3.6, 5.2.3.3, Fig. 4, Table 30 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2, 2.3
US	8,831,513	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2, 2.2.1, 2.2.11.1.2, Figs. 31, 34
US	8,843,095	11	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 4.3, 4.5 Communications Physical Layer: Secs. 2, 2.1, 2.4, Fig. 2 Communications Protocol: Secs. 4, 4.1, 4.1.3, 5.1.6.1, 7.1, 7.1.1, 7.1.6.2, 7.3.2, 7.3.6, 8.7, Figs. 5, 13, 43, 45 Foreign Object Detection: 5.2.3 Power Delivery: Sec. 2, 15, 16.1, 16.1.1, Fig. 2 Power Transmitter Reference Designs: Sec. 41.2, Fig. 147

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	8,873,646	1	Qi Specification v.1.3.1 Glossary: Sec. 1 Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 8, 8.1, 8.11, 8.13; Table 29 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 8, 8.1, 8.11, 8.13; Table 29
US	8,914,080	1, 12	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.2, 5.1.2.3.1, 5.2.3, 5.2.3.1, Figs.16, 17
US	8,916,994	12, 14	Qi Specification v.2.0 (Apr. 2023) PTx Reference Designs: Secs. 17, 17.1.1, 17.1.2; Figs. 27-30; Table 23 Communications Protocol: Secs. 4, 5.1, 6.1; Fig. 4 Power Delivery: Sec. 16.1
US	8,952,655	1	Qi Specifications v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 5, 5.1, 8.4, 9.4, 9.6; Figs. 2, 11, 12; Tables: 21, 47, 49 Power Delivery: Sec. 3; Fig. 4
US	9,001,922	12	Qi Specification v.1.3.1 Introduction: Sec. 2; Fig. 2 Power Transmitter Reference Designs: Sec. 40; Fig. 139 Communications Protocol: Secs. 3, 4, 4.2, 4.2.1, 4.2.2, 4.2.3, 4.2.5; Figs. 4, 6, 7, and 9; Table 11 Power Delivery: Secs. 3, 15, 15.1, and 16.1; Figs. 4, 18; Table 14 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 2; Fig. 2 Power Transmitter Reference Designs: Sec. 40; Fig. 90 Communications Protocol: Secs. 3, 4, 4.2, 4.2.1, 4.2.2, 4.2.3, 4.2.5; Figs. 4, 6, 7, and 9; Table 11 Power Delivery: Secs. 3, 15, 15.1, and 16.1; Figs. 4, 18; Table 14
US	9,106,269	1	Qi Specification v.1.3.1 (Apr. 2021) Introduction: Sec. 3.1; Fig. 6 Power Delivery: Secs. 3, 3.4; Fig. 3 Communications Physical Layer: Secs. 2, 2.1, 2.2, 2.4; Figs. 2-5; Table 4 PTx Design Examples: Sec. 3.2; Fig. 8 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Power Delivery: Secs. 3, 3.4; Fig. 3 Communications Physical Layer: Secs. 2, 2.1, 2.2, 2.4; Figs. 2-5; Table 4 PTx Design Examples: Sec. 3.2; Fig. 8
US	9,130,395	7	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 2.1.1, 3.1, 5.1.1, 5.1.2.2, 5.1.2.6, 5.1.3.2, 5.2.3.1, 5.2.3.3, 11.3, 11.4.1, 11.5, B.2, B.2.1, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.4, 2.2.6, 2.2.13, 2.2.14, 2.2.19, 2.2.21, 2.2.28, 2.2.32, 2.2.33, 2.2.34, 2.3.1-2.3.7
US	9,142,995	6	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1,2, 1.3, 1.5, 3.2.4, 5.1.1, 5.2.1, 5.2.2, 5.2.3, 5.2.4, 6.3.3, Figs.10, 16, 17, Tables 6-7, 26, 35
US	9,154,002	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 5.2.2.1, Fig. 35 The Qi Wireless Power Transfer System, Power Class 0 Spec, Part 3, V. 1.2.4:Feb 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.23, Figs. 88, 91
US	9,178,376	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1, 5.1.1, 5.1.3.2, 5.2.3.1, 11.1, B.2.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.3, 2.2, 2.2.13, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, 2.2.32, 2.2.33, 2.2.34, 2.3.1, 2.3.2, Figs. 39, 41, 42

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	9,224,533	1	Qi Specification v.1.3.1 (Aug. 2021) Power Delivery: Secs. 2, 3.1, 16.3, 16.3.2, and 10; Figs. 2, 11 Power Transmitter Reference Designs: Secs. 15, 15.2; Figs. 34, 37 Power Receiver Reference Designs: Secs. 4, 4.2; Fig. 11 Introduction: Secs. 3.1, 4.2
US	9,270,126	1	Qi Specification, v. 2.2.1 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Annexes B., B.1, B.2, B.6
US	9,283,863	1	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 5 Communications Protocol: Secs. 1, 2, 2.1, 2.2.1, 7; Fig. 2 Power Delivery: Secs. 11, 11.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 2 Communications Protocol: Secs. 1, 2, 2.1, 2.2.1, 7; Fig. 2 Power Delivery: Secs. 11, 11.1 Glossary: Sec. 1
US	9,360,456	1, 2, 4	Qi Specification, v. 2.2.1 Introduction: Sec. 4.4 MPP System: Secs. 2.1, 2.3.2, 4.2.1.3, 4.3.1.4, 4.3.1.5, 7, 7.1, 7.2; Figs. 5, 7, 8, 9, 10, 11, 21, 22; Table 8 Foreign Object Detection: Secs. 2, 4.1; Fig. 2
US	9,318,912	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4 :Feb. 2018, Secs. 1.3, 1.5, 3.1, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.1.6, 5.1.3.1, Fig. 6, Annex B.3
US	9,319,494	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: Sec. 1 Introduction: Sec. 3.1 Communications Physical Layer: Sec. 3 Communications Protocol: Sec. 7 Power Transmitter Reference Designs: Secs. 41.1, 41.1.1, Fig. 145
US	9,331,526	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 11.1, 11.4.1, Figs. 18, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 30
US	9,362,779	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.1.1, 5.1.2.2, 5.1.2.6, 5.1.3.6, 5.2.3.2, 10, 10.1, Figs. 16, 18, 19, 44, Tables 29, 63
US	9,401,623	1	Qi Specification v.1.3.1 (August 2021) Power Delivery: Sec. 3; Fig. 4 Communications Protocol: Secs. 2.1, 5.1, 8.4; Figs. 2 and 12; Table 21 Qi Specification v.2.0 (Apr. 2023) Power Delivery: Sec. 3; Fig. 4 Communications Protocol: Secs. 2.1, 5.1, 8.4; Figs. 2 and 12; Table 21
US	9,419,478	13	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 3.1, 3.2.4, 5.1.1, 5.1.3.6, 5.2.3.3, 11.4.2, 11.5, Table 7 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.20.2
US	9,438,069	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 2, 3, 3.1.2, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5, 10, Fig. 18, Annex B.4.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.15, 2.2.15.1.4, Fig. 53

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	9,455,593	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3; Fig. 3 Power Delivery: Secs. 2, 3; Figs. 2, 3 MPP System Specification: Secs. 4.6.2.7, 4.9.2.2, 5.3.2.1; Figs. 6.3.2.1:67 and 6.3.2.1:68
US	9,490,654	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 11.4, 11.4.1, 11.4.3, 11.4.3.1, Figs. 23, 47
US	9,520,738	1	Intro. to the Power Class 0 Spec., V. 1.2.4:Feb. 2018, Sec. 3, Figs. 4, 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 2.1.1, 3.1.1
US	9,524,822	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.4, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2,2,10.2, Figs. 27, 30
US	9,531,197	12	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3.2.1, 5.1.1, 5.1.2.2, 10, Fig. 16, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2, 2.3, A14, A19, A21
US	9,564,263	1	Qi Specification v.1.3.1 PTx Reference Designs: A14, Secs. 17, 17.1.1, 17.1.2; Fig 46 Qi Specification v.2.0 (Apr. 2023) PTx Reference Designs: A14, Secs. 17, 17.1.1, 17.1.2; Fig 30
US	9,583,964	1	Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 4, 6, 6.3, 6.6, 6.6.1, 6.6.4, 8.9; Figs. 4, 21, 22 Power Delivery: Sec. 3; Figs. 3, 4 Foreign Object Detection: Secs. 4, 4.2, 4.2.1, 4.2.2, 4.2.3; Annex A PRx Reference Designs: Secs. 2.2, 3.2, 4.2, 5.6, 6.2; Figs. 4, 8, 11, 14, 17
US	9,607,757	22	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1, Fig. 6 Glossary: Sec. 1 NFC Tag Protection: Secs. 4.1.2, 5, 5.1, 5.2, Fig. 3 Power Receiver Design Examples: Secs. 2.1.1, 2.1.2, Figs. 2, 3, Table 4 Qi Specification, V. 2.0 Introduction: Secs. 3, 3.1, Fig. 3 Glossary: Sec. 1 NFC Tag Protection: Secs. 4.1.2, 5, 5.1, 5.2, Fig. 3 Power Receiver Design Examples: Secs. 2.1.1, 2.1.2, Figs. 2, 3, Table 4
US	9,608,474	1, 9	Intro. to the Power Class 0 Spec., V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3.1.4, 3.1.5, 5.2, 5.2.1, Figs. 4, 5, 6, 16, 18
US	9,612,353	7	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 4.2 Power Delivery: Secs. 5.2, 10; Fig. 11; Table 11 Foreign Object Detection: Sec. 4.1; Fig. 3 PTx Reference Designs: Sec. 10.2 (A8)
US	9,647,480	1	Qi Specification, v. 2.0 (Apr. 2023) Power Delivery: Secs. 2, 3; Figs. 2-4 Communications Protocol: Secs. 2.1, 7.3, 7.3.2, 8.5; Tables 16, 22 MPP System: Secs. 1.2.1, 4.10.2.2; Fig. 2.2.2:6 MPP Communications Protocol: Secs. 4.3.1, 7.1.18; Table 42
US	9,653,950	1	Qi Specification, v. 2.2.1 Power Delivery: Secs. 3.4, 5.2; Fig. 8; Table 3 Communications Protocol: Secs. 7, 8.5; Figs. 41, 42 Communications Physical Layer: Secs. 2, 2.1-2.4; Fig. 2; Tables 3, 8 MPP System: Sec. 2.2; Table 4

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	9,660,699	1	Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 5.1, 5.1.5, 6, 6.3, 6.6, 6.6.1, 8.9; Figs. 12, 21, 22; Table 27 Power Delivery: Sec. 2; Fig. 2 Foreign Object Detection: Secs. 4.2, 4.2.1-4.2.4; Fig. 5; Annex A PTx Reference Designs: Sec. 10; Figs. 10, 13
US	9,685,817	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 3.1.1, 4.2, 5.1.1, 5.1.2.2, 5.1.2.3, 5.1.2.6, 5.2.1, 5.2.3.2, 5.2.4.5, 10, 10.1, Fig. 16, Tables 28, 32, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2, 2.2.1, 2.2.10.2, Fig. 30
US	9,735,836	18	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
US	9,762,091	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 4, 4.1, 5, 5.1.3, 8.4, 8.14, Figs.4, 5, Tables 21, 31. Power Delivery: Secs. 2, 5.2, 15, 15.1, 16.1, Figs. 2, 8 Power Transmitter Reference Designs: 10.2, 15.2, 34.2, 41, 41.2, Figs. 147, 148
US	9,762,092	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 3.1, 5.1.1, 11.4.2, 11.5, Fig. 48
US	9,806,541	1, 5, 12, 15	Qi Specification v.2.0 (Apr. 2023) MPP System Specification: Secs. 1.1.1, 1.1.4, 1.2.1, 3.2.1.1, 3.2.1.3, 3.2.1.4, 3.2.1.9, 3.3.1.4, 4.1.1, 4.3.1; Figs. 4.2.1.1:7, 4.2.1.1:8, 4.2.1.3:8, 4.2.1.4:11, 4.2.1.5:12, 4.3.1.4:18, 5.3.1:36
US	9,831,688	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 6, 6.3, 6.6, 8.9; Figs. 21, 22 Power Delivery: Sec. 3; Figs. 3, 4 Foreign Object Detection: Secs. 4, 4.2, 4.2.2; Annex A
US	9,843,230	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4.1, 4.2, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1.5, 3.2.4, 5.1.1, 5.1.1.1, 5.1.2.2, 5.1.2.3, 5.1.2.4, 5.1.2.4.1, 5.1.2.6, 5.1.2.7, 5.3.1, Figs. 10, 16, 18, 19, 20, 21, 22, 24, 25 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.2, Fig. 3
US	9,847,664	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 4, 4.1 Communications Protocol: Secs. 2.1, 4, 5.1.6.1, 7; Figs. 2, 4 Power Delivery: Sec. 2, 3.6; Fig. 2 Foreign Object Detection: Secs. 4, 4.2, 4.2.1-4.2.4; 4.2.2.1 Glossary: Sec. 1
US	9,929,602	1	Qi Specification, v. 2.2.1 Power Delivery: Secs. 2, 3, 3.2, 3.6, 5.2; Figs. 2, 3, 4, 8 Communications Protocol: Secs. 7, 8.5, 8.7 MPP Communications Protocol: Secs. 5.1, 6.2, 8.1.3 MPP System: Secs. 1.3, 2.3.1, 2.3.2, 5.10, 5.10.1, 5.10.2.2, 5.10.2.4.2, 5.11.2.2.1, 5.11.2.2.3, 5.11.3.2.1-5.11.3.2.4, 6.2.1.2; Figs. 4, 5, 7, 127; Table 40
US	9,929,605	1	Qi Specification, v. 2.2.1 Communications Protocol: Secs. 6, 8.9; Fig. 22 Foreign Object Detection: Secs. 4, 4.1, 4.2, 4.2.1, 4.2.2, 4.2.3, 4.2.4, 5, 5.1, 5.1.1, 5.1.3, 5.2, 5.2.1, Annex B., B.1, B.5
US	9,912,188	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 5.2.2.1, Figs. 10, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Fig. 251

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	9,923,603	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 4, 4.1, 4.1.1, 5, 6.5, 6.5.1, 7, 8.19, Figs. 5, 23, Table 42 Power Reference Transmitter Designs: Secs. 2.1, 2.2 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 4, 4.1, 4.1.1, 5, 6.6, 6.6.1 , 7, 8.19, Figs. 5, 22, Table 42 Power Reference Transmitter Designs: Secs. 2.1, 2.2
US	9,941,048	1	Qi Specification, v.1.3.1 (August 2021) Introduction: Sec. 3.1, Fig. 6 Glossary: Sec. 1 NFC Tag Protection: Secs. 4.1.2, 5, 5.1, 5.2, Fig. 3 Power Receiver Design Examples: Sec. 2.1.2, Fig. 3 Qi Specification, V. 2.0 Introduction: Sec. 3.1, Fig. 3 Glossary: Sec. 1 NFC Tag Protection: Secs. 4.1.2, 5, 5.1, 5.2, Fig. 3 Power Receiver Design Examples: Sec. 2.1.2, Fig. 3
US	9,961,483	1, 18	Qi Specification, v. 2.2.1 Communications Protocol: Secs. 4, 4.1, 4.1.2, 5, 5.1, 5.1.6.1, 6, 9.6; Figs. 2, 4, 5, 13, 14, 15, 18, 22; Table 55 Communications Physical Layer: Sec. 3 Foreign Object Detection: Secs. 4, 4.1, Annex B., B.1, B.2
US	9,985,463	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 4, 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 5.1.2, 11.3, 11.3.1, 11.3.2, Figs. 45, 46, 53 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.3, Fig. 3
US	10,020,693	1	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 4.2.1, 5, 5.1.5, 6 and 8.9; Figs. 2, 12; Table 27 Power Delivery: Secs. 2 and 3; Figs. 2 and 3 Foreign Object Detection: Secs. 4.2, 4.2.2 and Annex A; Fig. 6 PTx Test Tools: Sec. 5; Table 8
US	10,074,475	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 3.1.8 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Fig. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Fig. 254
US	10,101,488	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 11, 11.3
US	10,103,584	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
US	10,109,416	1, 2, 4, 11, 12, 14	Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1; Fig. 2 PTx Reference Designs: Secs. 52 (MP-A6), 52.1.1; Figs. 109, 110; Tables 86, 87
US	10,110,074	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.5.5.1, 6.5.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 24, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 24, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	10,141,782	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.2.6, 5.1.4, 11.1, 11.4, 11.4.1, 11.4.3, 11.4.3.1, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27 and 30
US	10,193,387	1	Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 PTx Reference Designs: Secs. 48, 48.1.1, 48.1.2, 48.2; Figs. 100, 101, 102, 103, 105, 106; Table 74
US	10,199,880	1	Qi Specification v.1.3.1 (Aug. 2021) Power Delivery: Secs. 2, 3; Figs. 2, 4 Mechanical Thermal and User Interface: Sec. 5.1 NFC Tag Protection: Secs. 2, 4 (ref. to NFC - forum.org), 4.1, 4.1.3, 4.2, 4.2.2, 4.3 (including reference to NFC Forum Analog, Digital Protocol, and Activity specifications, which include NFC Forums TS-Analog-1.0 (especially Sec. 2.1 and Fig. 1 thereof), 4.3.1; Fig. 6 PTx Reference Designs: Secs. 4, 4.2; Figs. 2, 5
US	10,239,413	1	Intro. to the Power Class 0 Spec., V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. B.4, B.4.2
US	10,250,080	1	Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 4, 4.1, 4.1.1-4.1.3; Figs. 4, 5 Foreign Object Detection: Secs. 4, 4.1, 4.2, 4.2.1-4.2.5; Annex B., B.1, B.2.2; Figs. 3, 5, 20
US	10,298,070	1	Qi Specification, v.1.3.1 (August 2021) Introduction: Sec. 3.1, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Secs. 2, 2.1, 2.2, 3, 3.1, 3.2, 3.4.5, Figs. 2, 10 Communications Protocol: Secs. 8, 8.4, Tables 17, 21 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 3 Glossary: Sec. 1 Communications Physical Layer: Secs. 2, 2.1, 2.2, 3, 3.1, 3.2, 3.4.5, Figs. 2, 10 Communications Protocol: Secs. 8, 8.4, Tables 17, 21
US	10,299,095	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.4.1, 10, 10.1, 10.2, 11.3, 11.3.1, Figs. 22, 44, Tables 12, 63
US	10,305,329	48	Intro. to the Power Class 0 Spec., V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 3.1.1, Fig. 6, Annex B.3
US	10,326,308	1	Qi Specification, v. 2.0 Introduction: Secs. 3.1, 3.2.2; Fig. 3 MPP Communications Protocol: Secs. 2.1, 2.1.1, 2.1.2, 2.2.2, 2.3, 2.3.3, 4, 4.1.1, 4.2.1, 7.1.20; Figs. 2.9, 2.10, 4-6, 7.20 MPP System: Sec. 1.2.2; Fig. 2.2.2:4
US	10,326,317	1, 8	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 11, 11.3.1, 11.3.2
US	10,340,744	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.2.6, 5.1.3, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3, 5.2.3.1, 5.2.3.3, 5.2.3.8, 5.3.3, 5.3.3.3, Annex B.2.2, Figs. 4, 51 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.3, 2.3.1
US	10,439,437	23	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.2.3.3, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.4.2, 2.2.6.2, 2.2.10, 2.2.10.2, 2.2.27.2, Figs. 27, 30
US	10,439,445	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 3.1, 5.1.1, 11.4.2, 11.5, Fig. 48

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	10,461,567	1	Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 3.6, 4, 4.1, 4.2.2, 7; Figs. 4, 5 Power Delivery: Secs. 2, 3.6; Fig. 2 Foreign Object Detection: Annex B.1
US	10,511,183	1, 17	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 3.1, 3.1.1, 3.1.2, 3.1.4, 5.1.3.1, 5.2, 5.2.1, 5.2.2, Annex B1, Fig. 4, Table 27 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 3.1.2
US	10,541,565	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Sec. 3.2.2 Glossary: Sec. 1 Power Delivery: Sec. 2, Fig. 3 NFC Tag Protection: Secs. 2, (ref. to NFC-forum.org); 4, 4.1, 4.1.3, 4.3 (including ref. to NFC Forum Analog, Digital Protocol and Activity specifications, which include NFC Forum-TS-Analog 1.0)(especially Sec. 2.1 and Fig. 1 thereof), 5, 5.2; Fig. 4 PTx Reference Designs: Sec. 4.1.2 (A2 exemplary of PTx coil designs with Ni-Zn or Mn-Zn ferrite shielding)
US	10,545,180	2	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 5.1.3.6, 5.2.1, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.2, 11.4, Figs. 4, 33(b), Tables 31, 34, 39
US	10,581,491	1	Qi Specification, v.1.3 (Jan. 2021) Introduction: Secs. 3.1, 4, 4.2, 4.5 Communications Physical Layer: Secs. 2, 3 NFC/RFID Card Protection: Secs. 3, 3.1, 3.2, 3.2.2; Figs. 5, 6 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, 4.5: Fig. 3 Communications Physical Layer: Secs. 2, 3 NFC Tag Protection: Secs. 4, 4.1, 4.2, 4.2.2; Figs. 5, 6 PTx Reference Designs: Sec. 8; Fig. 2
US	10,622,844	1	Qi Specification, v. 1.3.3 (Jan. 2021) Power Delivery: Sec. 2; Fig. 2 Communications Protocol: Secs. 6, 6.6, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 3, 4, 4.2, 4.2.1-4.2.4, 5, 5.1, 5.1.1, 5.1.3, 5.2, 5.2.1, 5.2.2 Qi Specification, v.2.0 (Apr. 2023) Power Delivery: Sec. 2; Fig. 2 Communications Protocol: Secs. 6, 6.6, 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 3, 4, 4.2, 4.2.1-4.2.4, 5, 5.1, 5.1.1, 5.1.3, 5.2, 5.2.1, 5.2.2
US	10,651,658	20	Qi Specification v.1.3.1 Foreign Objection Detection: Secs. 4, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5, 5.1; Fig. 4 PTx Reference Designs: Secs. 2.2, 40.1.1, 40.2, 40.2.1; Fig. 140(a)-(c), 142, 143 Qi Specification v.2.0 (Apr. 2023) Foreign Objection Detection: Secs. 4, 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 5.1; Fig. 5 PTx Reference Designs: Secs. 2.2, 40.1.1, 40.2, 40.2.1; Fig. 91(a)-(c), 93, 94
US	10,694,008	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, 5.2.2.4.3, Fig. 38, Tables 25, 26
US	10,791,204	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
US	10,797,536	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 2, 3.1, 3.2 Communications Protocol: Secs. 2.1, 6, 6.3, 6.6.1, 8.9; Figs. 2, 21, 22 Power Delivery: Secs. 2, 3, 3.6; Figs. 2-4 Foreign Object Detection: Secs. 4.2.2; Annex A PRx Design Examples: FIg. 4

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	10,804,751	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 5.2.3.4, 11.1, 11.2, Fig. 4, Table 31
US	10,819,150	1, 6, 15	Qi Specification, v. 2.2.1 Technical System Overview: Secs. 2 (including Figures 1, 2), 5 (including Figure 11) MPP System: Secs. 2.3.2 (including Figures 5, 7), 5.2.1.3, 5.2.2, 5.2.3.2, 5.3.1.1 (including Figure 96), 6.1, 6.2; Annexes D.1, D.6.2 MPP Communications Protocol: Secs. 5.8.4 (including Figure 37), 8.2.26
US	10,819,393	16	Qi Specification, v. 2.2.1 Power Delivery: Secs. 16.3, 16.4 Technical System Overview: Secs. 2 (including Figures 1, 2), 5 (including Figure 11) MPP System: Secs. 2.3.2 (including Figures 5, 7), 2.3, 4.2, 4.2.1 Foreign Object Detection: Sec 1.6, 4.2, 4.2.3, 4.2.4, 4.2.5, 5.1
US	10,833,538	9	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Power Delivery: Secs. 3, 3.6; Figs. 3, 4 MPP System Specification: Secs. 4, 4.7.1.1; Fig. 6.3.2.1:68
US	10,855,109	16	Qi Specification, V.1.3.1 (Aug. 2021) Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Figs. 2, 63, Tables 5, 25, 36, 40 Glossary: Sec. 1 Introduction: Sec. 3, Fig. 6 Qi Specification v.2.0 (Apr. 2023) Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Figs. 2, 63, Tables 5, 25, 36, 40 Glossary: Sec. 1 Introduction: Sec. 3, Fig. 3
US	10,892,648	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Communications Protocol: Sec. 4 PTx Reference Designs: Secs. 47, 47.2 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Protocol: Sec. 4 PTx Reference Designs: Secs. 48, 48.2
US	10,916,973	18	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 6.3, 6.5, 8.9, Fig. 23, Table 27 Foreign Object Detection: Secs. 2, 4, 4.1, 4.1.2, 4.1.3, Fig. 3 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 6.3, 6.5, 8.9, Fig. 23, Table 27 Foreign Object Detection: Secs. 2, 4, 4.2, 4.2.2, 4.2.3, Fig. 4 Glossary: Sec. 1
US	10,938,240	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 3.1, 5.1.2.4, 5.1.2.5, 5.1.2.6, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.1, Fig. 187
US	10,985,613	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, 5.2.3.3, 5.2.3.4, Fig. 17, Tables 30, 31 The Qi Wireless Power Transfer System, Power Class 0 Spec, Part 3, V. 1.2.4:Feb 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Figs. 27, 30

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	11,004,597	1	Qi Specification, v. 2.2.1 Power Delivery: Secs. 2, 5.2, 12.1; Fig. 2 Communications Protocol: Secs. 6, 6.6, 6.6.1; Figs. 22, 23 Foreign Object Detection: Secs. 4.2, 4.2.1, 4.2.2, 4.2.3, 4.2.4 Glossary: Sec. 1
US	11,005,303	1, 21	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 6.6.1, 8.9, Table 27 Foreign Object Detection: Sec. 4.1.2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 6.6.1, 8.9, Table 27 Foreign Object Detection: Sec. 4.2.2
US	11,011,930	9	Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 4, 6, 6.3, 6.6, 6.6.1, 8.9; Figs. 21, 22; Table 27 Power Delivery: Secs. 2, 3, 3.6, 10; Figs. 2-4, 11 Foreign Object Detection: Secs. 4.2.1, 4.2.2 PRx Design Examples: Secs. 2.2, 3.2, 4.2, 5.2, 6.2; Figs. 4, 8, 11, 14, 17
US	11,029,340	1	Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Sec. 4; Fig. 4 Power Delivery: Secs. 2, 15, 15.1, 15.2; Fig. 2 Foreign Object Detection: Secs. 4, 4.1, 4.2, 4.2.3; Annex B, B.1, B.2.1; Fig. 19 MPP System Specification: Secs. 1.2.1, 6, 6.2, 6.2.6.1, 6.2.6.5 Glossary: Sec. 1
US	11,031,829	1, 2	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Glossary: Sec. 1 Communications Protocol: Secs. 7, 8.15; Table 32 PTX Reference Designs: Sec. 47; Fig. 185 Foreign Object Detection: Secs. 5.2.1, 5.2.2, 5.2.3; Figs. 10, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Glossary: Sec. 1 Communications Protocol: Secs. 7, 8.15; Table 32 PTX Reference Designs: Sec. 48; Fig. 100 Foreign Object Detection: Secs. 5.2.1, 5.2.2, 5.2.3; Figs. 11, 13
US	11,038,377	1	Qi Specification v.1.3.1 Introduction: Secs. 3.1, 4.5; Fig. 6 PRx Design Examples: Sec. 5.2; Fig. 14; example 4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4.5; Fig. 3 PRx Design Examples: Sec. 5.2; Fig. 14; example 4
US	11,050,304	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.2.1, 10, 10.2, Fig. 16, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, Fig. 15
US	11,056,919	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: Sec. 1 Introduction: Sec. 3.1, Fig. 6 Power Receiver Reference Designs: Sec. 6.1.1, Fig. 15, Table 8 Power Transmitter Reference Designs: Secs. 2.2, 44, 44.1, 44.1.1, 44.2, Figs. 166, 167, 168, 170
US	11,139,698	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 3.1, 5.1.1, 5.2.3.7, 11.4.2, 11.5, Fig. 48

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	11,205,929	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 5, 8, 8.4; Figs. 2, 4, 11; Table 21 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 5, 8, 8.4; Figs. 2, 4, 11; Table 21
US	11,303,161	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1; Fig. 3 Communications Protocol: Secs. 6, 6.3, 6.6.1, 8, 8.9; Figs. 21, 22; Table 27 Power Delivery: Secs. 2, 3; Figs. 2-4 Foreign Object Detection: Secs. 4.2, 4.2.1-4.2.4; Annex A
US	11,316,384	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1; Fig. 4 Communications Protocol: Secs. 7, 8.15; Table 32 Power Delivery: Sec. 3; Fig. 4 Foreign Object Detection: Sec. 5.2.2; Figs. 14, 15 Qi Specification, v.2.0 (Aug. 2023) Introduction: Secs. 3, 3.1; Fig. 1 Communications Protocol: Secs. 7, 8.15; Table 32 Power Delivery: Sec. 3; Fig. 4 Foreign Object Detection: Sec. 5.2.2; Figs. 15, 16
US	11,349,347	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.1, 6, 6.6, 6.6.1, 6.6.5.3, 8.9, Figs. 2, 22, 23, 24, 26, 41, Table 27 Foreign Object Detection: Secs. 4, 5 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.1, 6, 6.6, 6.6.1, 6.6.5.3, 8.9, Figs. 2, 22, 23, 24, 26, 41, Table 27 Foreign Object Detection: Secs. 4, 5
US	11,355,963	1	Qi Specification v.2.2.1 Power Delivery: Secs. 2, 3; Figs. 2-4 MPP Communications Protocol: Secs. 5.8, 5.8.1, 5.8.2.4, 5.8.5; D 4.1 MPP System Specification: Secs. 5.2.1.2; Annexes D1, D3, D4.1, D7.2, E4.3; Figs. 211, 222, 224, 225; Table 25 Technical System Overview: Secs. 5, 6, 7.3; Fig. 11
US	11,355,971	3	Qi Specification, v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.2.1, 7.3, 7.3.2, 8, 8.2; Figs. 46, 61; Table 16 Qi Specification, v.2.0 (Aug. 2023) Communications Protocol: Secs. 7, 7.2.1, 7.3, 7.3.2, 8, 8.2; Figs. 40, 41; Table 16
US	11,387,677	6	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 3.1.4, 4.2, 5.1.1, 5.1.2.6, 5.1.3.6, 5.2, 5.2.1, 5.2.3.1, 5.2.3.4, 5.2.3.11, 11, 11.3, 11.4, 11.4.1, 11.4.2, 11.5, Tables 27, 31, 39
US	11,444,662	1	Qi Specification, v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3, 7.3.2, 8, 8.5; Figs. 40, 41; Tables 16, 22 Qi Specification, v.2.0 (Aug. 2023) Communications Protocol: Secs. 7, 7.3, 7.3.2, 8, 8.5; Figs. 46, 61; Tables 16, 22
US	11,496,004	13	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 7, 9.4; Fig. 41; Table 47 Qi Specification, v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 3 Communications Protocol: Secs. 7, 9.4; Fig. 41; Table 47

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	11,515,737	11	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 2.2.1, 5, 5.1.5, 6, 6.6, 6.6.5.1, 6.6.5.2; Figs. 3, 11, 12, 23, 24; Table 5 Power Delivery: Secs. 2, 3; Figs. 2-4 MPP System Specification: Sec. 1.2.1
US	11,539,249	6	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Sec. 8.15; Table 32 Foreign Object Detection: Secs. 5, 5.2.2; Figs. 12, 15 Qi Specification, v.2.0 (Aug. 2023) Introduction: Secs. 3, 3.1; Fig. 3 Communications Protocol: Sec. 8.15; Table 32 Foreign Object Detection: Secs. 5, 5.2.2; Figs. 13, 16
US	11,569,632	9	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Glossary: Sec. 1 Communications Protocol: Secs. 2.1, 4, 5, 6, 6.6, 8.9; Figs. 2, 4, 11, 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5; Annex A (point 7 and Fig. 16) Qi Specification, v.2.0 (Aug. 2023) Introduction: Secs. 3, 3.1 Glossary: Sec. 1 Communications Protocol: Secs. 2.1, 4, 5, 6, 6.6, 8.9; Figs. 2, 4, 11, 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2, 4.2.3, 4.2.4, 4.2.5; Annex A (point 7 and Fig. 17)
US	11,601,014	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Figs. 2 and 3 NFC Tag Protection: Secs. 4, 4.1, 4.1.2, 4.2, 4.2.2; Figs. 3 and 6
US	11,626,758	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 4.2 PTx Reference Design: Secs. 51, 51.1, 51.2 (MP-A6); Figs. 202, 205; Tables 138, 139 Qi Specification, v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4.2 PTx Reference Design: Secs. 52, 52.1, 52.2 (MP-A6); Figs. 108-111; Tables 86, 87
US	11,626,762	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.1, 6, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9, Figs. 2, 21, 22, 23, 25, Table 27 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.1, 6, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9, Figs. 2, 21, 22, 23, 25, Table 27
US	11,652,370	1	Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Sec. 4; Figs. 4, 11 Power Delivery: Sec. 15.1; Fig. 18 MPP Communications Protocol: Secs. 2.2.1, 2.3.3, 2.4.2, 7.1.20; Figs. 2.2, 3.6 and 7.20; Table 2.1
US	11,652,371	14, 21	Qi Specification, v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9, Figs. 21, 22, 23, Tables 24, 27 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.3, 8.7, 8.9, Figs. 21, 22, 23, Tables 24, 27

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	11,658,520	6	Qi Specification, v.1.3.1 (Aug. 2021) Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 6.6.5.6, 7.1, 7.13, 8.15, 9.4; Figs. 28, 43; Table 32 PTx Reference Designs: Sec. 46; Fig. 180 Qi Specification, v.2.0 (Aug. 2023) Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 6.6.5.6, 7.1, 7.13, 8.15, 9.4; Figs. 28, 43; Table 32 PTx Reference Designs: Sec. 47; Fig. 95
US	11,664,688	8	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1; Fig. 6 Communications Protocol: Sec. 8.15; Table 32 Foreign Object Detection: Secs. 5, 5.2, 5.2.1, 5.2.2, 5.2.3; Figs. 9, 10, 12, 15 Qi Specification, v.2.0 (Aug. 2023) Introduction: Secs. 3, 3.1; Fig. 3 Communications Protocol: Sec. 8.15; Table 32 Foreign Object Detection: Secs. 5, 5.2, 5.2.1, 5.2.2, 5.2.3; Figs. 10, 11, 13, 16
US	11,670,966	6	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 2.2, 2.2.1, 6.6.5.6, 7, 8.15, 9.4; Figs. 3, 28; Tables 5, 47 Power Delivery: Sec. 11.1 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 2.2, 2.2.1, 6.6.5.6, 7, 8.15, 9.4; Figs. 3, 28; Tables 5, 47 Power Delivery: Sec. 11.1
US	11,689,064	1	Qi Specification, v.1.3.1 (Aug. 2021) Communications Protocol: Sec. 8.7; Table 24 NFC Tag Protection: Secs. 5, 5.2; Fig. 7 Qi Specification, v.2.0 (Apr. 2023) Communications Protocol: Sec. 8.7; Table 24 NFC Tag Protection: Secs. 5, 5.2; Fig. 7
US	11,697,351	1	Qi Specification v.1.3.1 (Aug. 2021) Power Delivery: Secs. 2, 15: Fig. 2 Introduction: Secs. 3, 3.1; Fig. 6 FOD: Secs. 2, 3, and 4.1.5 Glossary: Sec. 1 Power Transmitter Reference Designs: Secs. 48, 48.1.2, and 48.1.3; Fig. 189; Table 126 Communications Protocol: Secs. 4.2.1, 7.3.7; Fig. 6 Qi Specification v.2.0 (Apr. 2023) Power Delivery: Secs. 2, 15: Fig. 2 Introduction: Secs. 3, 3.1; Fig. 3 FOD: Secs. 2, 3, and 4.2.5 Glossary: Sec. 1 Power Transmitter Reference Designs: Secs. 49, 49.1.2, and 49.1.3; Fig. 104; Table 106 Communications Protocol: Secs. 4.2.1, 7.3.7; Fig. 6

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	11,715,982	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 4; Fig. 4 Communications Protocol: Secs. 2.1, 4, 5, 6.6.5.6, 8.4, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4; Figs. 2, 4, 11, 28; Tables 23, 38, 47 Power Delivery: Secs. 15, 15.1, 15.2 Qi Specification, v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4; Fig. 4 Communications Protocol: Secs. 2.1, 4, 5, 6.6.5.6, 8.4, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4; Figs. 2, 4, 11, 28; Tables 23, 38, 47 Power Delivery: Secs. 15, 15.1, 15.2
US	11,722,014	1	Qi Specification, v.1.3.1 (Aug. 2021) Glossary: Secs. 1, 2 Introduction: Sec. 3.1 Communications Protocol: Secs. 2.2.1, 5, 5.1, 5.1.3, 5.1.5, 8.4, Figs. 11, 12, Table 21 Authentication Protocol: Secs. 2, 4, 4.2, 7.1, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Glossary: Secs. 1, 2 Introduction: Sec. 3.1 Communications Protocol: Secs. 2.2.1, 5, 5.1, 5.1.3, 5.1.5, 8.4, Figs. 11, 12, Table 21 Authentication Protocol: Secs. 2, 4, 4.2, 7.1, Fig. 2
US	11,736,146	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 4.2; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 6, 8, 8.4, 9.4; Fig. 21; Tables 21, 47 Power Delivery: Sec. 3; Flg. 4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4.2; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 6, 8, 8.4, 9.4; Fig. 21; Tables 21, 47 Power Delivery: Sec. 3; Flg. 4
US	11,817,716	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1.2, 1.6, 4, 4.2.4, 5, 5.1, 6, 6.6.5.3, 7, 7.1.6.1, 8.9; Figs. 4, 21, 25; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.1, 4.2.3, 4.2.5
US	11,817,917	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 4, 5, 6, 8.4, 9.4; Figs. 2, 4, 11, 21; Tables 21, 47 NFC Tag Protection: Sec. 5.2; Flg. 7 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 4, 5, 6, 8.4, 9.4; Figs. 2, 4, 11, 21; Tables 21, 47 NFC Tag Protection: Sec. 5.2; Flg. 7
US	11,881,912	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Communications Protocol: Secs. 1, 1.5.1, 5, 6, 7, 7.2, 7.2.1, 7.2.3, 8, 8.1, 8.2, 8.4, 8.5, 9, 9.1, 9.2, 9.4; Figs. 11, 21, 46; Tables 18, 19, 21, 22, 44, 45, 47 Qi Specification, v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Protocol: Secs. 1, 1.5.1, 5, 6, 7, 7.2, 7.2.1, 7.2.3, 8, 8.1, 8.2, 8.4, 8.5, 9, 9.1, 9.2, 9.4; Figs. 11, 21, 46; Tables 18, 19, 21, 22, 44, 45, 47
US	11,958,370	1, 9	Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 3 PTx Reference Designs: Secs. 16, 16.1.1, 16.1.2, 16.2, 59, 59.1.1, 59.1.2, 59.2; Figs. 25, 26, 126, 127

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	12,027,888	8	Qi Specification v.2.0 (Apr. 2023) Power Delivery: Secs. 2, 3, 5.2; Figs. 2, 3, 8, 12 Communications Protocol: Secs. 7, 8.5; Fig. 41
US	12,088,120	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Glossary: Secs. 1, 2 Communications Protocol: Sec. 6; Fig. 21 NFC Tag Protection: Sec. 2.2.1, 3, 3.1; Tables 5, 6 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Glossary: Secs. 1, 2 Communications Protocol: Sec. 6, 9.5; Fig. 21; Table 48 NFC Tag Protection: Sec. 2.1.1, 3; Table 5
US	12,119,671	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.5.1, 6.6.5.3, 8.9; Figs. 21, 23, 25 Foreign Object Detection: Secs. 4, 4.2, 5, 5.1, 5.1.1-5.1.3
US	12,126,187	1	Qi Specification, v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 6, 6.6, 6.6.1, 8, 8.9; Figs. 21, 22 Foreign Object Design: Secs. 4, 4.1 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 6, 6.6, 6.6.1, 8, 8.9; Figs. 21, 22 Foreign Object Design: Secs. 4, 4.2
US	12,143,173	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 8.7; Table 24 Power Delivery: Sec. 3; Figs. 3, 4 MPP Communications Protocol: Secs. 3.3.1, 3.4; Figs. 3.3, 3.6
US	12,145,457	2	Qi Specification, v. 2.2.1 Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2.1, 4, 4.2.2, 6.6.5.6-6.6.5.8, 7, 8.18.3 Power Delivery: Sec. 2; Fig. 2 Thermal Management Protocol: Secs. 2.2, 3.2, 3.4, 4.1; Fig. 7 Mechanical, Thermal, User Interface: Sec. 4 Foreign Object Detection: Sec. 3 Glossary: Sec. 1
US	12,155,226	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Glossary: Sec. 1 Communications Protocol: Sec. 4; Fig. 4 Foreign Object Detection: Secs. 4, 4.1; Figs. 3, 18; Annex B, B.1
US	12,160,116	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Sec. 8.7 Foreign Object Design: Secs. 5.2.3 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Communications Protocol: Sec. 8.7 Foreign Object Design: Secs. 5.2.3

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	12,166,361	12	Qi Specification, v. 2.0 (Apr. 2023) Introduction: Sec. 3, 3.1; Fig. 3 Communications Protocol: Sec. 8.5 Power Delivery: Secs. 2, 5.2; Figs. 2, 8 PTx Reference Designs: Sec. 59.2; Fig. 127
US	12,184,091	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.5.1, 8.9; Figs. 21-23; Table 28
US	12,207,328	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 8.7; Table 24 MPP Communications Protocol: Secs. 3.2.3, 3.3.1-3.3.3, 3.4, 7.1.4; Figs. 3.3, 3.4, 7.4; Tables 7.6, 7.7, 24
US	12,218,525	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.5.1, 8.5, 8.9; Figs. 21-23 Communications Physical Layer: Secs. 2.2, 2.3; Figs. 3, 4 Foreign Object Detection: Secs. 4, 4.2
US	12,230,978	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Glossary: Sec. 3 Communications Protocol: Sec. 2.1; Fig. 2 Foreign Object Detection: Annex B.3 MPP Communications Protocol: Secs. 2.2.2, 7.1.20; Figs. 2.3, 7.20 MPP System: Secs. 4.3.1.2, 4.7.1.1, 4.7.1.2, 4.7.1.3, 4.7.1.3.2, 6.2, 6.2.1, 6.2.3; Fig. 7.2.1
US	12,244,158	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.2.1, 5, 5.1.6, 8.11; Figs: 11, 12; Table 29 Power Delivery: Sec. 3; Fig. 4 Authentication Protocol: Secs. 4, 4.2, 7.1; Fig. 2
US	12,249,850	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1; FIg. 3 Communications Protocol: Secs. 6, 6.6, 6.6.5.1, 6.6.5.3, 7.3.3, 8.9, 8.14, 8.15; Figs. 21, 22, 23, 25; Table 28 Foreign Object Detection: Secs. 4, 4.2, 4.2.1-4.2.3, 5, 5.1, 5.2, 5.2.1, 5.2.2; Figs. 10(b), 12, 13, 15, 16
US	12,283,829	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 6 MPP Communications Protocol: Secs. 3.1, 3.4., 4.3, 4.3.2, 7.1.18, 7.2.14; Figs. 4.4 and 7.35; Table 7.22 MPP System Specification: Secs. 6.3, 6.3.2.2, 7.3.2.2.13, 7.3.2.2.15, 7.3.2.2.16
US	12,288,998	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 MPP Communications Protocol: Secs 7.1.11, 7.2.7; Fig. 7.28; Table 7.15 MPP System Specification: Secs. 1.1.1, 2.1, 2.1.1, 2.1.2, 4.2.1.1, 4.9, 4.9.1, 4.9.2.1, 4.9.2.2, 4.9.2.3.4, 4.9.3, 4.9.4, 5.9.3.0.1, 5.9.3.0.2, 5.9.4.1; Figs. 5.2.1.1:30, 5.9.2.3.11:51
US	12,341,350	2	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Glossary: Sec. 1 Power Delivery: Sec. 16.1; Figs. 19, 20 Communications Protocol: Sec. 2.1, 4, 4.2.3, 5, 6, 8.4, 8.9; Fig. 2, 4, 11, 21; Tables 21, 27

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	12,348,060	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 2.2, 6, 6.1, 7.2.1, 8.18.2, 9.2; Fig. 21, 41; Tables 5, 37, 45 Communications Physical Layer: Sec. 3.2; Table 7
US	12,413,078	1	Qi Specification, v. 2.2.1 Introduction: Sec. 3.1 Power Delivery: Sec. 3; Figs. 3 and 4 Authentication Protocol: Secs. 4.2, 5.2, 5.2.2, 5.3, 5.3.2; Tables 18, 20, 22; Annex B.4.1.1
US	12,456,885	1	Qi Specification v.1.3.1 (August 2021) Introduction: Sec. 3.1 Power Delivery: Sec. 5.2; Fig. 8 Communications Protocol: Secs. 7, 8.5, 8.15; Tables 22, 32 Foreign Object Detection: Sec. 5.2.2; Fig. 14 Qi Specification v.2.0 (Apr. 20'23) Introduction: Sec. 3.1 Power Delivery: Sec. 5.2; Fig. 8 Communications Protocol: Secs. 7, 8.5, 8.15; Tables 22, 32 Foreign Object Detection: Sec. 5.2.2; Fig. 15
US	12,470,255	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 MPP Communications Protocol: Secs. 1.1, 2.1, 2.1.1, 2.2, 2.2.2, 2.2.3, 2.3.3, 7.1.20; Figs. 2.2, 2.4, 2.8, 7.20; Table 2.1
US	12,494,678	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 MPP Communications Protocol: Secs. 6, 6.2, 6.3, 6.4; Fig. 6.6
US	12,531,445	4	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 4, 6, 7, 7.2.1, 7.2.4, 7.2.4.3, 7.2.4.4, 8.18.2, 9.1; Figs. 4, 21, 41, 46, 53, 55; Table 37 Communications Physical Layer: Sec. 3
US	12,556,040	1	Qi Specification v.2.2.1 MPP Communications Protocol: Secs. 5, 5.4.1, 5.4.2, 8.1.27; Fig. 124; Tables 17 and 67 MPP System Specifications: Secs. 2.3, 2.3.1, 2.3.2; Fig. 7
US	12,573,890	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 MPP Communications Protocol: Secs. 2.1, 2.2.2, 2.2.3, 2.3, 2.3.1, 2.4, 2.4.1; Figs. 2.1 and 2.4; Table 2.3
US	12,580,427	1	Qi Specification v.2.2.1 MPP Communications Protocol: Secs. 3.1, 4.5.8, 5.9, 5.9.1, 5.9.3, 6.3, 8.1.2; Figs. 64 and 66; Table 37
US	12,580,428	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.2, 6, 6.1, 7.2, 7.2.1, 7.2.2, 7.2.4, 8.18.2, 9.2; Figs. 21, 46; Table 5
US	12,609,554	12	Qi Specification v.2.2.1 Power Delivery: Secs. 2, 3, 3.2, 3.4; Figs. 2-4 MPP Communications Protocol: Sec. 8.1.3; Fig. 101 MPP System Specification: Secs. 2.3.2, 5.9.1.2.1, 5.11.2.2; 5.11.2.2.1, 5.11.2.2.2, 5.12.3, 5.12.3.1, 5.12.3.4; Fig. 7
US	12,749,926	1	Qi Specification, v. 2.0 (Apr. 2023) Communications Protocol: Secs. 4.2.2, 5.1.6.1, 8.17 Power Delivery: Secs. 2, 16.1, 16.1.2; Figs. 2, 20 PTx Reference Designs: Secs. 1.2, 2.2, 40, 40.1.1, 40.2, 40.2.1; Figs. 90, 91, 93, 94
US	12,756,240	1	Qi Specification, v. 2.0 (Apr. 2023) Communications Protocol: Secs. 4, 4.2.2, 4.2.3; Fig. 4 PTx Reference Designs: Secs. 40, 40.2, 40.2.1; Figs. 90, 93, 94

Qi Wireless Charging Cross-Reference Chart
(01Nov26 Attachment 1) (11-24-26)(v1)

Ctry.	Patent	Cl	Standards / Sections
US	Re. 44,038	20	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5, 5.1.1.1, 10.1, Fig. 44 The Qi Wireless Power Transfer System, Power Class 0 Specification, Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.2, 2.2.2.2, Figs. 3, 6
US	Re. 44,713	9,13	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.3, 5.1.2.6, 5.1.3, 5.1.3.3, 5.1.3.6, 5.2.3.2, 5.2.3.5, 5.2.3.8, Figs. 4, 16
US	Re. 46,111	32	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3.1, 5.1, 5.1.2, 5.1.2.3, 5.1.2.6, 5.1.3.2, 5.2.1, 5.2.2.1, Figs. 4, 16
US	Re. 48,193	10	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 2.1, 2.1.1, 3.1, 3.1.4, 3.1.8, 5.1.3.3, Fig. 4
US	Re: 48,483	1	Qi Specification, v. 2.2.1 Communications Protocol: Secs. 4.1.3, 5, 5.1.6.1, 5.2.2, 8.11; Fig. 5 Communications Physical Layer: Secs. 2, 2.4, 2.4.4 Power Delivery: Secs. 2, 16, 16.1, 16.1.1, 16.1.2, 16.2; Figs. 2, 19, 20 Glossary: Sec. 1
US	Re. 49,300	1	Qi Specification v.1.3.1 Introduction: Secs. 3.1 Communications Protocol: Secs. 4, 6.6.5.3, 6.7.5, 7, 7.1.2, 8.5, 8.17 Power Delivery: Secs. 5.2 PTx Reference Designs: Secs. 16(A13), 16.1, 16.1.1, 16.1.2, 16.2; Figs. 38, 40, 41 Foreign Objection Detection: Sec. 2 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 Communications Protocol: Secs. 4, 6.6.5.3, 6.7.5, 7, 7.1.2, 8.5, 8.17 Power Delivery: Secs. 5.2 PTx Reference Designs: Secs. 16(A13), 16.1, 16.1.1, 16.1.2, 16.2; Figs. 22, 24, 25 Foreign Objection Detection: Sec. 2