

Apple Inc.

US 7,292,636
US 7,339,991

**B1 Institute of Image
Technology, INC.**

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US 11,843,866
US 11,863,732

Cisco Systems Canada Co.

US 7,227,901
US 7,400,681

Cisco Technology, Inc.

US 7,684,489

Dolby International AB

AT (EP 1,627,360) - Exp. Mar 30, 2024
AT (EP 2,209,319) - Exp. Mar 26, 2024
AT (EP 2,512,136)
AT (EP 2,887,671)
AT (EP 3,399,756)
AT (EP 3,457,359) - Exp. Mar 30, 2024
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AT (EP 3,913,579) - Exp. Mar 30, 2024
AT (EP 3,920,538)
AU 2004241535 - Exp. Mar 30, 2024
AU 2008239653
AU 2008241568
AU 2012238296
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AU 2012278382
AU 2015202314
BE (EP 1,627,360) - Exp. Mar 30, 2024
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BR PI-0408570-1
BR PI0410320-3
BR PI0809510-8
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BR 122018004904-9
BR 122018004906-5
CA 2,525,937 - Exp. Mar 30, 2024
CH (EP 1,627,360) - Exp. Mar 30, 2024

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IN 257332 - Exp. Feb 23, 2024
IN 293,084 - Exp. Mar 29, 2024
IN 306797
IN 417407 - Exp. Mar 29, 2024
IN 423822
IT (EP 1,611,740) - Exp. Feb 24, 2024
IT (EP 1,611,747) - Exp. Mar 26, 2024
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JP 5,536,811 - Exp. Mar 26, 2024
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KR 987,666 - Exp. Feb 24, 2024
KR 1,017,260 - Exp. Mar 30, 2024
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MX 263,707 - Exp. Mar 30, 2024
MX 276,100 - Exp. Feb 24, 2024
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MY 145597
MY 154342 - Exp. Apr 9, 2024
MY 167744-A
NL (EP 1,611,747) - Exp. Mar 26, 2024
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PH 1-2005-502051 - Exp. Mar 30, 2024
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RU 2377652 - Exp. Mar 30, 2024
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SG 116954 - Exp. Mar 30, 2024
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TH 35577
TH 53753 - Exp. Apr 7, 2024
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TW I268714
TW I415450
TW I445393
TW I445407
US Re. 46,924
US Re. 47,076
US Re. 48,035

US Re. 48,401
US Re. 49,787
US 10,298,948
VN 1-0014619
VN 6824 - Exp. Mar 30, 2024
VN 12809
VN 22362
VN 30446
VN 100 12388
VN 10014713
ZA 2005/09231 - Exp. Mar 30, 2024
ZA 2009/06749
ZA 2009/06982
ZA 2010/06649

Dolby Laboratories Licensing Corporation

AL (EP 3,079,055)
AL (EP 3,514,677)
AL (EP 3,595,281)
AM (EA 039463)
AM (EA 042523)
AM (EA 042564)
AM (EA 044734)
AT (EP 2,308,239)
AT (EP 3,079,055)
AT (EP 3,514,677)
AT (EP 3,523,970)
AT (EP 3,595,281)
AT (EP 3,850,847)
AT (EP 4,064,706)
AU 2016203100
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AU 2016204179
AU 2017339463
AU 2018206694
AU 2019264649
AU 2020230291
AU 2021201806
AU 2022201261
AU 2022204421
AU 2022235573
AU 2022291562
AZ (EA 039463)
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BE (EP 2,308,239)

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BE (EP 3,800,543)	CN 105357534	DK (EP 3,800,542)
BE (EP 3,850,847)	CN 105376549	DK (EP 3,800,543)
BE (EP 3,974,956)	CN 105407341	DK (EP 3,850,847)
BE (EP 4,064,706)	CN 105472369	DK (EP 3,974,956)
BF (OA 19660)	CN 105791861	DK (EP 4,064,706)
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HK 1,221,360	IL 280688	KR 2,105,317
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HK 1,222,495	IL 289965	KR 2,197,273
HK 1,227,201	IS (EP 3,079,055)	KR 2,197,647
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LT (EP 3,514,677)	NL (EP 3,514,677)	RS (EP 3,800,542)
LT (EP 3,595,281)	NL (EP 3,523,970)	RS (EP 3,800,543)
LU (EP 3,079,055)	NL (EP 3,595,281)	RS (EP 3,974,956)
LU (EP 3,514,677)	NL (EP 3,800,542)	RU (EA 039463)
LU (EP 3,523,970)	NL (EP 3,800,543)	RU (EA 042523)
LU (EP 3,595,281)	NL (EP 3,850,847)	RU (EA 042564)
LU (EP 3,850,847)	NL (EP 3,974,956)	RU (EA 044734)
LU (EP 4,064,706)	NL (EP 4,064,706)	RU 2,665,211
LV (EP 3,079,055)	NO (EP 2,308,239)	RU 2,711,102
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MC (EP 3,079,055)	NO (EP 3,523,970)	RU 2,772,241
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MC (EP 3,595,281)	NO (EP 3,800,543)	SD (AP 6125)
MK (EP 3,079,055)	NO (EP 3,850,847)	SD (AP 6941)
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MO J/003489	PL (EP 3,079,055)	SE (EP 3,595,281)
MO J/003619	PL (EP 3,514,677)	SE (EP 3,800,542)
MO J/004098	PL (EP 3,523,970)	SE (EP 3,800,543)
MO J/006352	PL (EP 3,595,281)	SE (EP 3,850,847)
MR (OA 19660)	PL (EP 3,800,542)	SE (EP 3,974,956)
MT (EP 3,079,055)	PL (EP 3,800,543)	SE (EP 4,064,706)
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MW (AP 6125)	PL (EP 4,064,706)	SG 10201607838P

SG 11201902914S	US Re. 43,567	US 9,992,476
SI (EP 3,079,055)	US Re. 45,983	US 10,038,891
SI (EP 3,514,677)	US Re. 46,500	US 10,110,900
SI (EP 3,595,281)	US Re. 48,953	US 10,129,557
SK (EP 2,308,239)	US 7,319,415	US 10,136,118
SK (EP 3,079,055)	US 7,386,048	US 10,194,149
SK (EP 3,514,677)	US 7,742,655	US 10,194,172
SK (EP 3,523,970)	US 7,894,530	US 10,257,513
SK (EP 3,595,281)	US 7,899,113	US 10,264,235
SK (EP 3,850,847)	US 8,150,206	US 10,297,008
SK (EP 4,064,706)	US 8,228,986	US 10,362,334
SL (AP 6125)	US 8,233,538	US 10,382,788
SL (AP 6941)	US 8,279,927	US 10,397,572
SM (EP 3,079,055)	US 8,331,450	US 10,397,573
SM (EP 3,514,677)	US 8,374,237	US 10,419,739
SM (EP 3,595,281)	US 8,548,047	US 10,432,958
SN (OA 19660)	US 8,615,041	US 10,499,058
ST (AP 6125)	US 8,761,251	US 10,504,205
ST (AP 6941)	US 8,780,998	US 10,609,413
SZ (AP 6125)	US 8,798,173	US 10,621,952
SZ (AP 6941)	US 9,025,670	US 10,701,397
TD (OA 19660)	US 9,113,165	US 10,721,453
TG (OA 19660)	US 9,185,384	US 10,728,554
TH 88077	US 9,219,923	US 10,764,596
TJ (EA 039463)	US 9,232,235	US 10,779,008
TJ (EA 042523)	US 9,288,499	US 10,951,893
TJ (EA 042564)	US 9,294,771	US 10,957,283
TJ (EA 044734)	US 9,374,590	US 10,999,585
TM (EA 039463)	US 9,380,311	US 11,025,961
TM (EA 042523)	US 9,420,311	US 11,190,749
TM (EA 042564)	US 9,445,116	US 11,218,709
TM (EA 044734)	US 9,521,419	US 11,284,110
TR (EP 2,308,239)	US 9,578,334	US 11,323,728
TR (EP 2,716,028)	US 9,584,816 - Exp. Apr 13, 2024	US 11,477,480
TR (EP 3,079,055)	US 9,628,802	US 11,523,127
TR (EP 3,514,677)	US 9,685,139	US 11,582,472
TR (EP 3,523,970)	US 9,697,799	US 11,587,529
TR (EP 3,595,281)	US 9,706,217	US 11,595,693
TR (EP 3,800,542)	US 9,712,801	US 11,600,244
TR (EP 3,800,543)	US 9,794,564	US 11,622,130
TR (EP 3,850,847)	US 9,838,705	US 11,677,982
TR (EP 3,974,956)	US 9,843,785	US 11,736,703
TR (EP 4,064,706)	US 9,866,866	US 11,785,263
TZ (AP 6125)	US 9,912,931	US 11,792,428
TZ (AP 6941)	US 9,924,172	US 11,792,429
UA 124806	US 9,948,931	US 11,818,372
UG (AP 6125)	US 9,959,837	US 11,871,015
UG (AP 6941)	US 9,973,771	VN 35211
US Re. 43,062	US 9,986,254	VN 35977

ZM (AP 6125)
ZM (AP 6941)
ZW (AP 6125)
ZW (AP 6941)

**Electronics and
Telecommunications Research
Institute**

KR 1,255,230
US 7,881,388 - Exp. Apr 30, 2024
US 8,036,275
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US 8,184,718
US 8,184,719
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**Electronics and
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Institute of Science and
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**Fraunhofer-Gesellschaft zur
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BG (EP 2,123,052)
BR PI 0516336-6
BR PI 0516348-0
BR 12 2018 016188-4
BR 122018016193-0
CA 3,013,657
CA 3,167,144
CN 102547277
CN 109076247
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HU (EP 2,123,052)
IN 281,934
IN 492454
IT (EP 2,123,052)
JP 5,014,438
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KR 1,175,593

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US 7,586,924
US 7,599,435
US 7,702,013
US 8,121,188
US 8,139,611 - Exp. Feb 26, 2024
US 8,155,154 - Exp. Feb 26, 2024
US 8,204,115
US 8,204,116
US 8,204,117
US 8,218,628
US 8,218,630
US 8,218,631
US 8,249,110 - Exp. Feb 26, 2024
US 8,249,111 - Exp. Feb 26, 2024
US 8,249,112 - Exp. Apr 21, 2024
US 8,340,135 - Exp. Feb 26, 2024
US 8,379,672 - Exp. Feb 26, 2024
US 8,565,304
US 8,625,638 - Exp. Feb 26, 2024
US 8,644,344 - Exp. Feb 26, 2024
US 8,654,792 - Exp. Feb 26, 2024
US 8,665,909 - Exp. Feb 26, 2024
US 8,705,573 - Exp. Feb 26, 2024
US 8,867,619
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US 9,362,949
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Godo Kaisha IP Bridge 1

AU 2004218397 - Exp. Feb 19, 2024
BR PI0206629-7
BR PI0206777-3
BR PI0206820-6
BR PI 0303566-2
BR PI 0303673-1
BR PI0303901-3
BR PI0304528-5
BR PI0304543-9
BR PI0304558-7
BR PI0305554-0
BR PI0306560-0
BR PI0306684-3
BR PI0306987-7
BR PI0307119-7
BR PI0307197-9
BR PI0318759-4
BR PI 0318797-7
BR PI 0318816-7
BR PI0406424-0
CN 200480005818.7 - Exp. Feb 18, 2024
ID 23371 - Exp. Feb 18, 2024
IN 227402 - Exp. Feb 19, 2024
JP 5,256,243 - Exp. Feb 17, 2024
KR 0996043 - Exp. Feb 19, 2024
MX 258074 - Exp. Feb 19, 2024

MY 140969
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US 7,372,905
US 7,515,635
US 7,542,510
US 7,742,528
US 7,760,803
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US 7,817,868 - Exp. Apr 19, 2024
US 7,864,838
US 7,881,375
US 8,009,731
US 8,009,733
US 8,184,697
US 8,204,112
US 8,223,841
US 8,254,468
US 8,265,403
US 8,345,770
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CN 103621087
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JP 4,241,417 - Exp. Feb 4, 2024
JP 4,241,559
JP 5,614,381
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US 9,036,715
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LG Electronics Inc.

AT (EP 1,582,069) - Exp. Mar 3, 2024
AT (EP 1,608,181) - Exp. Mar 3, 2024
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AT (EP 2,840,794) - Exp. Mar 3, 2024
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AU 2005203096 - Exp. Mar 3, 2024
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BR PI 0407671-0
BR PI 0419287-7
BR 122014032858-3
BR 122014032866-4
BR 122014032870-2
CA 2,512,671 - Exp. Mar 3, 2024
CA 2,522,835 - Exp. Mar 3, 2024
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CN 200510107088.8 - Exp. Mar 2, 2024
CN 200910137915.6 - Exp. Mar 2, 2024
CN 200910137918.X - Exp. Mar 2, 2024

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Maxell, Ltd.

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JP 6,434,172
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JP 6,735,370
US 7,970,058
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DE (EP 2,384,002)
DE (EP 3,214,840)
DE (EP 3,624,459)
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ES (EP 4,093,035)	GR (EP 4,093,038)	JP 5,102,344
ES (EP 4,093,036)	GR (EP 4,109,906)	JP 5,249,363
ES (EP 4,093,037)	GR (EP 4,109,907)	JP 5,318,041
ES (EP 4,093,038)	GR (EP 4,114,014)	JP 6,601,729
ES (EP 4,109,906)	HU (EP 3,624,459)	JP 6,742,003
ES (EP 4,109,907)	HU (EP 3,687,177)	JP 6,742,004
ES (EP 4,114,014)	HU (EP 3,697,097)	JP 6,745,494
FI (EP 3,624,459)	HU (EP 4,093,035)	JP 6,775,158
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FI (EP 3,697,097)	HU (EP 4,093,037)	JP 6,851,026
FI (EP 4,093,035)	HU (EP 4,093,038)	JP 6,851,027
FI (EP 4,093,036)	HU (EP 4,109,906)	JP 6,851,028
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FI (EP 4,114,014)	IE (EP 3,687,177)	KR 1,082,233
FR (EP 1,709,801)	IE (EP 3,697,097)	KR 1,136,629
FR (EP 2,384,002)	IE (EP 4,093,035)	LI (EP 3,624,459)
FR (EP 3,214,840)	IE (EP 4,093,036)	LI (EP 3,687,177)
FR (EP 3,624,459)	IE (EP 4,093,037)	LI (EP 3,697,097)
FR (EP 3,687,177)	IE (EP 4,093,038)	LI (EP 4,093,035)
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FR (EP 4,093,035)	IE (EP 4,109,907)	LI (EP 4,093,037)
FR (EP 4,093,036)	IE (EP 4,114,014)	LI (EP 4,093,038)
FR (EP 4,093,037)	IN 229832 - Exp. Feb 18, 2024	LI (EP 4,109,906)
FR (EP 4,093,038)	IN 438081	LI (EP 4,109,907)
FR (EP 4,109,906)	IT (EP 1,709,801)	LI (EP 4,114,014)
FR (EP 4,109,907)	IT (EP 2,384,002)	LT (EP 1,709,801)
FR (EP 4,114,014)	IT (EP 3,624,459)	MX 246,993 - Exp. Mar 1, 2024
GB (EP 1,709,801)	IT (EP 3,687,177)	MX 258,980
GB (EP 2,384,002)	IT (EP 3,697,097)	MX 262,674 - Exp. Feb 18, 2024
GB (EP 3,214,840)	IT (EP 4,093,035)	MX 361131
GB (EP 3,624,459)	IT (EP 4,093,036)	MX 366,971
GB (EP 3,687,177)	IT (EP 4,093,037)	MX 383827
GB (EP 3,697,097)	IT (EP 4,093,038)	MX 389,193
GB (EP 4,093,035)	IT (EP 4,109,906)	MX 390,639
GB (EP 4,093,036)	IT (EP 4,109,907)	MX 393,117
GB (EP 4,093,037)	IT (EP 4,114,014)	NL (EP 1,709,801)
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GB (EP 4,109,906)	JP 4,560,143	NL (EP 3,624,459)
GB (EP 4,109,907)	JP 4,628,216	NL (EP 3,687,177)
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NL (EP 4,093,036)	SE (EP 3,687,177)	US 8,290,046
NL (EP 4,093,037)	SE (EP 3,697,097)	US 8,290,047
NL (EP 4,093,038)	SE (EP 4,093,035)	US 8,451,890
NL (EP 4,109,906)	SE (EP 4,093,036)	US 8,477,838
NL (EP 4,109,907)	SE (EP 4,093,037)	US 8,548,040
NL (EP 4,114,014)	SE (EP 4,093,038)	US 8,553,761
NO (EP 3,624,459)	SE (EP 4,109,906)	US 8,571,097
NO (EP 3,687,177)	SE (EP 4,109,907)	US 8,630,342 - Exp. Feb 17, 2024
NO (EP 3,697,097)	SE (EP 4,114,014)	US 8,670,482
NO (EP 4,093,035)	SK (EP 3,624,459)	US 8,929,438
NO (EP 4,093,036)	SK (EP 3,687,177)	US 9,071,817 - Exp. Feb 17, 2024
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NO (EP 4,109,906)	SK (EP 4,093,036)	US 9,445,106
NO (EP 4,109,907)	SK (EP 4,093,037)	US 9,456,211
NO (EP 4,114,014)	SK (EP 4,093,038)	US 10,123,392
PL (EP 1,709,801)	SK (EP 4,109,906)	US 10,327,306
PL (EP 2,384,002)	SK (EP 4,109,907)	US 10,383,194
PL (EP 3,624,459)	SK (EP 4,114,014)	US 10,426,014
PL (EP 3,687,177)	TR (EP 3,624,459)	US 10,440,800
PL (EP 3,697,097)	TR (EP 3,687,177)	US 10,624,174
PL (EP 4,093,035)	TR (EP 3,697,097)	US 10,681,788
PL (EP 4,093,036)	TR (EP 4,093,035)	US 10,687,402
PL (EP 4,093,037)	TR (EP 4,093,036)	US 10,887,968
PL (EP 4,093,038)	TR (EP 4,093,037)	US 10,939,529
PL (EP 4,109,906)	TR (EP 4,093,038)	
PL (EP 4,109,907)	TR (EP 4,109,906)	
PL (EP 4,114,014)	TR (EP 4,109,907)	
PT (EP 3,624,459)	TR (EP 4,114,014)	
PT (EP 3,687,177)	US 7,209,520	
PT (EP 3,697,097)	US 7,327,788	
PT (EP 4,093,035)	US 7,362,807	
PT (EP 4,093,036)	US 7,630,435	
PT (EP 4,093,037)	US 7,664,180	
PT (EP 4,093,038)	US 7,664,182	
PT (EP 4,109,906)	US 7,782,936	
PT (EP 4,109,907)	US 7,912,122	
PT (EP 4,114,014)	US 7,916,782	
RO (EP 3,624,459)	US 7,933,327	
RO (EP 3,687,177)	US 7,940,845	
RO (EP 3,697,097)	US 7,944,977	
RO (EP 4,093,035)	US 7,961,793	
RO (EP 4,093,036)	US 7,995,658	
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		<u>Robert Bosch GmbH</u>
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KR 760,258 - Exp. Sep 14, 2015
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US 9,232,220 - Exp. Sep 3, 2023
US 9,241,171 - Exp. Aug 27, 2023
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US 9,386,320 - Exp. Jun 25, 2023
US 9,398,305 - Exp. Jul 14, 2023
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US 9,451,276 - Exp. Sep 3, 2023
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US 9,794,567 - Exp. Apr 15, 2023
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US 9,854,240 - Exp. Jul 25, 2023
US 9,888,238 - Exp. Oct 5, 2023
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US 10,834,388 - Exp. Apr 9, 2023
US 10,869,034 - Exp. Apr 9, 2023
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CA 2,468,087 - Exp. Nov 21, 2022
CA 2,738,322 - Exp. Nov 21, 2022
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MX 283,722 - Exp. Nov 21, 2022
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US 7,310,376 - Exp. Nov 19, 2022
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CA 2,304,917 - Exp. Jun 1, 2010
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CN 100380983 - Exp. Jul 18, 2022
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DE (EP 0460751) - Exp. Jun 3, 2011
DK (EP 443,676) - Exp. Feb 18, 2011
DK (EP 0460751) - Exp. Jun 3, 2011
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FR (EP 443,676) - Exp. Feb 18, 2011
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GB (EP 0460751) - Exp. Jun 3, 2011
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IN 222685 - Exp. Dec 15, 2023
IT (EP 443,676) - Exp. Feb 18, 2011
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JP 3,162,110 - Exp. Jun 4, 2011
JP 3,174,586 - Exp. Feb 20, 2011
JP 3,280,999 - Exp. Jun 4, 2011
KR 114,697 - Exp. Jan 8, 2012
KR 239,837 - Exp. Jun 4, 2011
MY 135268 - Exp. Jan 21, 2023
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NL (EP 0460751) - Exp. Jun 3, 2011
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KR 301,013 - Exp. Aug 1, 2018
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AT (EP 1,603,344) - Exp. Jan 7, 2023
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CN 03101657.X - Exp. Jan 13, 2023
CN 200410104547.2 - Exp. Jan 13, 2023
CN 200510048853.3 - Exp. Jan 9, 2023
CN 200510048854.8 - Exp. Jan 9, 2023
CN 200510055870.X - Exp. Jan 9, 2023
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CN 200510116128.5 - Exp. Jan 8, 2023
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CN 200610073660.8 - Exp. Jan 9, 2023
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KR 839,309 - Exp. Sep 10, 2022
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KR 884,134 - Exp. Aug 15, 2021
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Panasonic Holdings Corporation

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AVC Addendum of Patents of Terminated Licensors

Addendum of Patents of Terminated Licensors

The following listed patents were contributed to the AVC Patent Portfolio by an entity that has since terminated as a Licensor. For as long as they continue to be a Licensee, those Licensees with a license in effect prior to the date of such Licensor's termination retain their license to such Licensor's AVC Patent Portfolio patents (including those listed below) that the Licensor or its Affiliates presently or in the future has the right to license or sublicense (without payment to any third party which is not an Affiliate), including on or after such termination date.



February 28, 2024

**AVC Addendum of Patents of Terminated
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Avago Technologies
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(terminated July 15, 2007)

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Addendum of Patents Removed from AVC Attachment 1

Each patent listed below was previously found essential for part of the AVC Standard that has now been deleted from the AVC Standard effective as of the date listed next to the removed patent. Those licensees with an AVC Patent Portfolio License in effect *on or prior to* the date of removal indicated next to each patent retain their license under the respective removed patent after the indicated removal date.

LG Electronics Inc.

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