



July 1, 2025

MPEG-4 Visual Attachment 1

Page 1 of 12

Dolby Laboratories Licensing Corporation

BR PI0113271-7

Siemens AG

BR PI0109962-0

Expired Patents**British Telecommunications plc**

GB (EP 448,590) - Exp. Dec 12, 2009
JP 2,046,808 - Exp. Dec 12, 2009
US 5,291,284 - Exp. Feb 28, 2011

Cable Television Laboratories, Inc.

US 6,510,554 - Exp. Apr 26, 2018

Calmare Therapeutics Incorporated

US 6,134,269 - Exp. Mar 6, 2017
US 6,580,834 - Exp. Dec 11, 2017

Canon Inc.

US 4,982,270 - Exp. Feb 2, 2009

Dolby CIF Licensing, LLC

AT (EP 0467040) - Exp. May 18, 2011
AU 627421-B2 - Exp. May 30, 2011
BE (EP 0467040) - Exp. May 18, 2011
CA 2044118-6 - Exp. Jun 7, 2011
CH (EP 0467040) - Exp. May 18, 2011
DE (EP 0467040) - Exp. May 18, 2011
DK (EP 0467040) - Exp. May 18, 2011
ES (EP 0467040) - Exp. May 18, 2011
FR (EP 0467040) - Exp. May 18, 2011
GB (EP 0467040) - Exp. May 18, 2011
GR (EP 0467040) - Exp. May 18, 2011
HK 1013759 - Exp. May 18, 2011
IE (EP 0467040) - Exp. May 10, 2011
IT (EP 0467040) - Exp. May 18, 2011
LI (EP 0467040) - Exp. May 18, 2011
NL (EP 0467040) - Exp. May 18, 2011
NO 179890-C - Exp. Jun 13, 2011
SE (EP 0467040) - Exp. May 18, 2011
TW NI-52990 - Exp. May 14, 2011
US 5,068,724 - Exp. Jun 14, 2010

Dolby International AB

JP 2,951,861 - Exp. Mar 10, 2009

JP 3,145,908 - Exp. Nov 28, 2015
JP 3,277,116 - Exp. Mar 18, 2016
JP 3,654,664 - Exp. Aug 23, 2014
JP 3,702,178 - Exp. Oct 12, 2015
JP 3,734,488 - Exp. Aug 23, 2014
JP 4,134,078 - Exp. Mar 18, 2016
JP 4,245,587 - Exp. Aug 23, 2014
JP 4,427,553 - Exp. Mar 18, 2016

Dolby Laboratories Licensing Corporation

AU 2001284910 - Exp. Aug 15, 2021
CA 2,406,459 - Exp. Apr 6, 2021
CA 2,418,722 - Exp. Aug 15, 2021
CN 100431355 - Exp. Aug 14, 2021
HK 1,080,243 - Exp. Aug 14, 2021
IN 239859 - Exp. Aug 14, 2021
SG 94623 - Exp. Aug 15, 2021
US Re. 43,360 - Exp. May 22, 2018
US Re. 44,235 - Exp. May 22, 2018
US Re. 45,082 - Exp. May 22, 2018
US 6,681,050 - Exp. Oct 7, 2016
US 6,687,409 - Exp. Oct 7, 2016
US 6,728,317 - Exp. Jan 29, 2016
US 7,167,590 - Exp. Oct 7, 2016
US 7,194,136 - Exp. Oct 7, 2016
US 7,340,102 - Exp. Oct 7, 2016
US 7,395,211 - Exp. Nov 14, 2023

Dolby Technology Development, Inc.

DE (EP 0 395 709) - Exp. Dec 1, 2008
DE (EP 956,703) - Exp. Jan 7, 2018
DE (EP 981909) - Exp. May 5, 2018
ES (EP 956,703) - Exp. Jan 7, 2018
ES (EP 981909) - Exp. May 5, 2018
FR (EP 0 395 709) - Exp. Dec 1, 2008
FR (EP 956,703) - Exp. Jan 7, 2018
FR (EP 981909) - Exp. May 5, 2018
GB (EP 0 395 709) - Exp. Dec 1, 2008
GB (EP 956,703) - Exp. Jan 7, 2018
GB (EP 981909) - Exp. May 5, 2018
HK 1004307 - Exp. Dec 1, 2008
IT (EP 956,703) - Exp. Jan 7, 2018
IT (EP 981909) - Exp. May 5, 2018
JP 2,790,509 - Exp. Dec 1, 2008
NL (EP 956,703) - Exp. Jan 7, 2018

NL (EP 981909) - Exp. May 5, 2018
SE (EP 956,703) - Exp. Jan 7, 2018
SE (EP 981909) - Exp. May 5, 2018
SG 63561 - Exp. Dec 1, 2008
US 4,706,260 - Exp. Nov 6, 2006
US 4,813,056 - Exp. Dec 7, 2007
US 6,408,025 - Exp. Jan 18, 2018

Fujitsu Limited

DE (EP 1,455,536) - Exp. Jan 31, 2017
DE (EP 1,648,176) - Exp. Jan 31, 2017
FR (EP 1,455,536) - Exp. Jul 31, 2016
FR (EP 1,648,176) - Exp. Jul 31, 2016
GB (EP 1,455,536) - Exp. Jul 8, 2016
GB (EP 1,648,176) - Exp. Jul 8, 2016
JP 3,466,032 - Exp. Aug 28, 2016
US 5,235,618 - Exp. Nov 5, 2010
US 6,104,434 - Exp. Jun 16, 2017
US 6,282,243 - Exp. Nov 17, 2017
US 6,333,949 - Exp. Jun 16, 2017

Google LLC

CA 2,079,862 - Exp. Oct 5, 2012
CA 2,230,562 - Exp. Feb 25, 2018
CA 2,230,567 - Exp. Feb 25, 2018
DE (EP 0538667) - Exp. Oct 6, 2012
GB (EP 0538667) - Exp. Oct 6, 2012
MX 205438 - Exp. Mar 6, 2018
US Re. 38,563 - Exp. Oct 5, 2017
US 5,235,419 - Exp. Oct 23, 2011
US 6,005,980 - Exp. Jul 20, 2017

Hitachi, Ltd.

CN 00120208.1 - Exp. Jun 9, 2018
CN 98102981.7 - Exp. Jun 9, 2018
CN 200310113824.1 - Exp. Jun 9, 2018
CN 200310113825.6 - Exp. Jun 9, 2018
CN 200510055880.3 - Exp. Jun 8, 2018
CN 200510055881.8 - Exp. Jun 8, 2018
CN 200510059461.7 - Exp. Jun 8, 2018
DE (EP 0 884 912) - Exp. Jun 8, 2018
DE (EP 1,056,294) - Exp. Jun 8, 2018
DE (EP 1,237,376) - Exp. Jun 8, 2018
DE (EP 1,237,377) - Exp. Jun 8, 2018
DE (EP 2,271,116) - Exp. Jun 8, 2018
DE (EP 2,271,117) - Exp. Jun 8, 2018

DE (EP 2,285,119) - Exp. Jun 8, 2018
DE (EP 2,288,164) - Exp. Jun 8, 2018
DE (EP 2,288,165) - Exp. Jun 8, 2018
DE (EP 2,288,166) - Exp. Jun 8, 2018
ES (EP 0 884 912) - Exp. Jun 8, 2018
ES (EP 1,237,376) - Exp. Jun 8, 2018
ES (EP 1,237,377) - Exp. Jun 8, 2018
ES (EP 2,271,116) - Exp. Jun 8, 2018
ES (EP 2,271,117) - Exp. Jun 8, 2018
ES (EP 2,285,119) - Exp. Jun 8, 2018
ES (EP 2,288,164) - Exp. Jun 8, 2018
ES (EP 2,288,165) - Exp. Jun 8, 2018
ES (EP 2,288,166) - Exp. Jun 8, 2018
FI (EP 0 884 912) - Exp. Jun 8, 2018
FI (EP 1,056,294) - Exp. Jun 8, 2018
FI (EP 1,237,376) - Exp. Jun 8, 2018
FI (EP 1,237,377) - Exp. Jun 8, 2018
FI (EP 2,271,116) - Exp. Jun 8, 2018
FI (EP 2,271,117) - Exp. Jun 8, 2018
FI (EP 2,285,119) - Exp. Jun 8, 2018
FI (EP 2,288,164) - Exp. Jun 8, 2018
FI (EP 2,288,165) - Exp. Jun 8, 2018
FI (EP 2,288,166) - Exp. Jun 8, 2018
FR (EP 0 884 912) - Exp. Jun 8, 2018
FR (EP 1,056,294) - Exp. Jun 8, 2018
FR (EP 1,237,376) - Exp. Jun 8, 2018
FR (EP 1,237,377) - Exp. Jun 8, 2018
FR (EP 2,271,116) - Exp. Jun 8, 2018
FR (EP 2,271,117) - Exp. Jun 8, 2018
FR (EP 2,285,119) - Exp. Jun 8, 2018
FR (EP 2,288,164) - Exp. Jun 8, 2018
FR (EP 2,288,165) - Exp. Jun 8, 2018
FR (EP 2,288,166) - Exp. Jun 8, 2018
GB (EP 0 884 912) - Exp. Jun 8, 2018
GB (EP 1,056,294) - Exp. Jun 8, 2018
GB (EP 1,237,376) - Exp. Jun 8, 2018
GB (EP 1,237,377) - Exp. Jun 8, 2018
GB (EP 2,271,116) - Exp. Jun 8, 2018
GB (EP 2,271,117) - Exp. Jun 8, 2018
GB (EP 2,285,119) - Exp. Jun 8, 2018
GB (EP 2,288,164) - Exp. Jun 8, 2018
GB (EP 2,288,165) - Exp. Jun 8, 2018
GB (EP 2,288,166) - Exp. Jun 8, 2018
IT (EP 0 884 912) - Exp. Jun 8, 2018
IT (EP 1,237,376) - Exp. Jun 8, 2018
IT (EP 1,237,377) - Exp. Jun 8, 2018
IT (EP 2,271,116) - Exp. Jun 8, 2018
IT (EP 2,271,117) - Exp. Jun 8, 2018
IT (EP 2,285,119) - Exp. Jun 8, 2018

IT (EP 2,288,164) - Exp. Jun 8, 2018
IT (EP 2,288,165) - Exp. Jun 8, 2018
IT (EP 2,288,166) - Exp. Jun 8, 2018
JP 2,998,741 - Exp. Jun 9, 2018
JP 3,092,610 - Exp. Jun 9, 2018
JP 3,092,613 - Exp. Jun 9, 2018
JP 3,191,935 - Exp. Nov 30, 2010
JP 3,218,874 - Exp. Aug 18, 2014
JP 3,265,287 - Exp. Aug 29, 2010
JP 3,303,869 - Exp. Nov 30, 2010
JP 3,407,726 - Exp. Jun 9, 2018
JP 3,407,727 - Exp. Jun 9, 2018
JP 3,410,037 - Exp. Jun 9, 2018
JP 3,414,304 - Exp. Aug 18, 2014
JP 3,509,610 - Exp. Aug 18, 2014
JP 3,591,483 - Exp. Aug 18, 2014
JP 3,864,977 - Exp. Aug 18, 2014
JP 3,921,441 - Exp. Aug 18, 2014
JP 4,066,817 - Exp. Jun 9, 2018
JP 4,078,212 - Exp. Jun 9, 2018
JP 4,095,762 - Exp. Jun 9, 2018
JP 4,918,946 - Exp. Jun 9, 2018
JP 5,257,543 - Exp. Jun 9, 2018
JP 5,257,544 - Exp. Jun 9, 2018
JP 5,257,545 - Exp. Jun 9, 2018
JP 5,376,083 - Exp. Jun 9, 2018
JP 5,392,434 - Exp. Jun 9, 2018
KR 393,123 - Exp. Jun 8, 2018
KR 393,125 - Exp. Jun 8, 2018
KR 400,537 - Exp. Jun 8, 2018
KR 400,538 - Exp. Jun 8, 2018
NL (EP 0 884 912) - Exp. Jun 8, 2018
NL (EP 1,237,376) - Exp. Jun 8, 2018
NL (EP 1,237,377) - Exp. Jun 8, 2018
NL (EP 2,271,116) - Exp. Jun 8, 2018
NL (EP 2,271,117) - Exp. Jun 8, 2018
NL (EP 2,285,119) - Exp. Jun 8, 2018
NL (EP 2,288,164) - Exp. Jun 8, 2018
NL (EP 2,288,165) - Exp. Jun 8, 2018
NL (EP 2,288,166) - Exp. Jun 8, 2018
SE (EP 0 884 912) - Exp. Jun 8, 2018
SE (EP 1,056,294) - Exp. Jun 8, 2018
SE (EP 1,237,376) - Exp. Jun 8, 2018
SE (EP 1,237,377) - Exp. Jun 8, 2018
SE (EP 2,271,116) - Exp. Jun 8, 2018
SE (EP 2,271,117) - Exp. Jun 8, 2018
SE (EP 2,285,119) - Exp. Jun 8, 2018
SE (EP 2,288,164) - Exp. Jun 8, 2018
SE (EP 2,288,165) - Exp. Jun 8, 2018

SE (EP 2,288,166) - Exp. Jun 8, 2018
TW 122,869 - Exp. Jul 3, 2018
TW 144,701 - Exp. Jul 3, 2018
US 5,963,259 - Exp. Aug 16, 2015
US 6,008,852 - Exp. Mar 16, 2017
US 6,178,202 - Exp. Mar 16, 2017
US 6,285,713 - Exp. Aug 16, 2015
US 6,295,376 - Exp. Jun 7, 2018
US 6,442,205 - Exp. Apr 30, 2017
US 6,483,877 - Exp. Mar 16, 2017
US 6,516,033 - Exp. Aug 16, 2015
US 6,567,558 - Exp. Jun 7, 2018
US 6,574,371 - Exp. Jun 7, 2018
US 6,584,227 - Exp. Jun 7, 2018
US 6,606,419 - Exp. Jun 7, 2018
US 6,631,214 - Exp. Jun 7, 2018
US 6,643,409 - Exp. Jun 7, 2018
US 6,650,781 - Exp. Jun 7, 2018
US 6,868,185 - Exp. Jul 20, 2018
US 6,909,809 - Exp. Aug 6, 2018
US 6,915,013 - Exp. Aug 20, 2018
US 7,072,518 - Exp. Jun 12, 2018
US 7,133,454 - Exp. Aug 16, 2015
US 7,184,601 - Exp. Jun 12, 2018
US 7,248,742 - Exp. Jun 12, 2018
US 7,251,369 - Exp. Jul 20, 2018
US 7,421,133 - Exp. Jun 7, 2018
US 7,424,161 - Exp. Jun 7, 2018
US 7,426,307 - Exp. Jun 7, 2018
US 7,471,836 - Exp. Jun 7, 2018
US 7,668,384 - Exp. Jun 7, 2018
US 7,676,100 - Exp. Jun 7, 2018
US 7,702,166 - Exp. Jun 7, 2018
US 7,702,167 - Exp. Jun 7, 2018
US 7,724,966 - Exp. Jun 7, 2018
US 7,724,967 - Exp. Jun 7, 2018
US 7,724,968 - Exp. Jun 7, 2018
US 7,724,969 - Exp. Jun 7, 2018
US 7,801,366 - Exp. Jun 7, 2018
US 7,801,367 - Exp. Jun 7, 2018
US 7,801,368 - Exp. Jun 7, 2018
US 7,801,369 - Exp. Jun 7, 2018
US 7,801,370 - Exp. Jun 7, 2018
US 7,801,371 - Exp. Jun 7, 2018
US 7,801,372 - Exp. Jun 7, 2018
US 7,801,373 - Exp. Jun 7, 2018
US 7,801,374 - Exp. Jun 7, 2018
US 7,801,375 - Exp. Jun 7, 2018
US 7,801,376 - Exp. Jun 7, 2018

US 7,801,377 - Exp. Jun 7, 2018
US 7,801,378 - Exp. Jun 7, 2018
US 7,801,379 - Exp. Jun 7, 2018
US 7,801,380 - Exp. Jun 7, 2018
US 7,801,381 - Exp. Jun 7, 2018
US 7,929,779 - Exp. Jun 7, 2018
US 7,929,780 - Exp. Jun 7, 2018
US 7,929,781 - Exp. Jun 7, 2018
US 7,929,782 - Exp. Jun 7, 2018
US 7,929,783 - Exp. Jun 7, 2018
US 7,929,784 - Exp. Jun 7, 2018
US 7,929,785 - Exp. Jun 7, 2018
US 7,929,786 - Exp. Jun 7, 2018
US 7,929,787 - Exp. Jun 7, 2018
US 7,929,788 - Exp. Jun 7, 2018
US 7,929,789 - Exp. Jun 7, 2018
US 7,933,457 - Exp. Jun 7, 2018
US 7,936,934 - Exp. Jun 7, 2018
US 7,936,935 - Exp. Jun 7, 2018
US 8,160,373 - Exp. Jun 7, 2018
US 8,204,110 - Exp. Mar 16, 2017
US 8,233,543 - Exp. Mar 16, 2017
US 8,611,683 - Exp. Jun 7, 2018
US 8,611,684 - Exp. Jun 7, 2018
US 8,611,685 - Exp. Jun 7, 2018
US 8,615,139 - Exp. Jun 7, 2018
US 8,625,915 - Exp. Jun 7, 2018
US 8,649,618 - Exp. Jun 7, 2018
US 8,649,619 - Exp. Jun 7, 2018
US 8,675,977 - Exp. Jun 7, 2018
US 8,942,492 - Exp. Jun 7, 2018
US 8,942,497 - Exp. Jun 7, 2018
US 8,942,498 - Exp. Jun 7, 2018
US 8,942,499 - Exp. Jun 7, 2018
US 8,942,500 - Exp. Jun 7, 2018
US 8,942,501 - Exp. Jun 7, 2018
US 8,942,504 - Exp. Jun 7, 2018
US 8,948,527 - Exp. Jun 7, 2018
US 9,161,044 - Exp. Jun 7, 2018
US 9,161,045 - Exp. Jun 7, 2018
US 9,161,051 - Exp. Jun 7, 2018
US 9,161,052 - Exp. Jun 7, 2018
US 9,161,053 - Exp. Jun 7, 2018
US 9,161,054 - Exp. Jun 7, 2018
US 9,161,055 - Exp. Jun 7, 2018
US 9,167,262 - Exp. Jun 7, 2018

JVCKENWOOD Corporation

DE (EP 0 379 217) - Exp. Jan 19, 2010
DE (EP 0 572 046) - Exp. Jan 19, 2010
DE (EP 0 584 840) - Exp. Apr 27, 2010
FR (EP 0 379 217) - Exp. Jan 19, 2010
FR (EP 0 572 046) - Exp. Jan 19, 2010
FR (EP 0 584 840) - Exp. Apr 27, 2010
GB (EP 0 379 217) - Exp. Jan 19, 2010
GB (EP 0 572 046) - Exp. Jan 19, 2010
GB (EP 0 584 840) - Exp. Apr 27, 2010
JP 2,072,546 - Exp. Feb 14, 2009
JP 2,137,325 - Exp. Apr 27, 2009
NL (EP 0 584 840) - Exp. Apr 27, 2010
US Re. 34,965 - Exp. Jan 17, 2010
US Re. 35,158 - Exp. Jan 17, 2010

KDDI Corporation

JP 1,835,550 - Exp. Mar 14, 2006

Koninklijke Philips N.V.

AT 157830 - Exp. Jun 3, 2011
AT (EP 260,748) - Exp. Sep 10, 2007
AT (EP 1181829) - Exp. Feb 23, 2021
AU 641726 - Exp. Feb 20, 2011
BE 460,751 - Exp. Jun 3, 2011
BE (EP 1181829) - Exp. Feb 23, 2021
CA 2,018,031 - Exp. Jun 1, 2010
CA 2,036,585 - Exp. Feb 19, 2011
CA 2,304,917 - Exp. Jun 1, 2010
CH (EP 1181829) - Exp. Feb 23, 2021
CN 01800439.3 - Exp. Feb 23, 2021
CY (EP 1181829) - Exp. Feb 23, 2021
DE (EP 260,748) - Exp. Sep 10, 2007
DE (EP 290,085) - Exp. Apr 27, 2008
DE (EP 443,676) - Exp. Feb 18, 2011
DE (EP 1181829) - Exp. Feb 23, 2021
DE 69127504 - Exp. Jun 3, 2011
DK (EP 443,676) - Exp. Feb 18, 2011
DK 460,751 - Exp. Jun 3, 2011
DK (EP 1181829) - Exp. Feb 23, 2021
ES (EP 1181829) - Exp. Feb 23, 2021
FI 101442 - Exp. Feb 19, 2011
FI (EP 1181829) - Exp. Feb 23, 2021
FR (EP 260,748) - Exp. Sep 10, 2007
FR (EP 290,085) - Exp. Apr 27, 2008
FR (EP 443,676) - Exp. Feb 18, 2011

FR 460,751 - Exp. Jun 3, 2011
FR (EP 1181829) - Exp. Feb 23, 2021
GB (EP 260,748) - Exp. Sep 10, 2007
GB (EP 290,085) - Exp. Apr 27, 2008
GB (EP 443,676) - Exp. Feb 18, 2011
GB 460,751 - Exp. Jun 3, 2011
GB (EP 1181829) - Exp. Feb 23, 2021
GR (EP 1181829) - Exp. Feb 23, 2021
IE (EP 1181829) - Exp. Feb 23, 2021
IN 208695 - Exp. Feb 22, 2021
IT 52497 BE/97 - Exp. Jun 3, 2011
IT (EP 260,748) - Exp. Sep 10, 2007
IT (EP 443,676) - Exp. Feb 18, 2011
IT (EP 1181829) - Exp. Feb 23, 2021
JP 2,630,809 - Exp. May 6, 2008
JP 2,711,665 - Exp. Sep 14, 2007
JP 2,791,822 - Exp. Jun 2, 2010
JP 3,162,110 - Exp. Jun 4, 2011
JP 3,174,586 - Exp. Feb 20, 2011
JP 5,172,062 - Exp. Feb 23, 2021
KR 118,698 - Exp. Apr 17, 2012
KR 786,548 - Exp. Feb 23, 2021
LI (EP 1181829) - Exp. Feb 23, 2021
LU (EP 1181829) - Exp. Feb 23, 2021
MC (EP 1181829) - Exp. Feb 23, 2021
MX 251557 - Exp. Feb 23, 2021
NL (EP 260,748) - Exp. Sep 10, 2007
NL (EP 443,676) - Exp. Feb 18, 2011
NL 460,751 - Exp. Jun 3, 2011
NL (EP 1181829) - Exp. Feb 23, 2021
PL 220816 - Exp. Feb 23, 2021
PT (EP 1181829) - Exp. Feb 23, 2021
SE (EP 260,748) - Exp. Sep 10, 2007
SE (EP 443,676) - Exp. Feb 18, 2011
SE 460,751 - Exp. Jun 3, 2011
SE (EP 1181829) - Exp. Feb 23, 2021
SG 9690467.7 - Exp. Feb 18, 2011
TR (EP 1181829) - Exp. Feb 23, 2021
US 4,901,075 - Exp. Sep 10, 2007
US 5,021,879 - Exp. Jun 3, 2008
US 5,128,758 - Exp. Jul 6, 2009
US 5,179,442 - Exp. Jan 11, 2010
US 5,606,539 - Exp. Feb 24, 2014
US 5,608,697 - Exp. Jun 4, 2011
US 5,699,476 - Exp. Oct 18, 2010
US 5,740,310 - Exp. Apr 13, 2015
US 5,844,867 - Exp. Jun 4, 2011
US 6,959,046 - Exp. Dec 7, 2022

LG Electronics Inc.

KR 86,346 - Exp. Apr 11, 2012
KR 155,642 - Exp. Mar 9, 2015
KR 251,549 - Exp. Feb 28, 2017
KR 617,598 - Exp. Dec 30, 2017
KR 757,829 - Exp. Dec 30, 2017
KR 757,830 - Exp. Dec 30, 2017
KR 757,831 - Exp. Dec 30, 2017
KR 757,832 - Exp. Dec 30, 2017
US Re. 37,568 - Exp. Mar 31, 2014
US Re. 40,177 - Exp. Aug 23, 2019
US Re. 41,089 - Exp. Jun 23, 2019
US 4,654,484 - Exp. Mar 31, 2004
US 6,912,351 - Exp. Oct 18, 2018
US 7,433,525 - Exp. Oct 18, 2018

Microsoft Corporation

US 5,748,789 - Exp. Oct 30, 2016

Mitsubishi Electric Corporation

AU 625476 - Exp. Aug 20, 2010
CA 2,023,543 - Exp. Aug 17, 2010
CA 2,327,489 - Exp. Oct 21, 2012
CN 97182488.6 - Exp. Oct 23, 2017
CN 98812454.8 - Exp. Mar 6, 2018
CN 98812706.7 - Exp. Oct 23, 2018
CN 200310124564.8 - Exp. Jan 22, 2018
CN 200410085559.5 - Exp. Oct 23, 2017
CN 200410085560.8 - Exp. Oct 23, 2017
CN 200510006891.2 - Exp. Mar 6, 2018
CN 200510007841.6 - Exp. Mar 6, 2018
CN 200610077656.9 - Exp. Oct 23, 2017
CN 200610079262.7 - Exp. Oct 22, 2017
DE (EP 0 414 193) - Exp. Aug 20, 2010
DE (EP 0905980) - Exp. Oct 23, 2017
DE (EP 1,026,899) - Exp. Oct 23, 2018
DE (EP 1032219) - Exp. Oct 23, 2017
DE (EP 1,328,125) - Exp. Oct 23, 2017
DE (EP 1558038) - Exp. Oct 23, 2018
DE (EP 1,565,002) - Exp. Oct 23, 2017
DE (EP 1,565,003) - Exp. Oct 23, 2017
DE (EP 1,565,004) - Exp. Oct 23, 2017

DE (EP 1,725,045) - Exp. Oct 23, 2017
DE (EP 1,725,046) - Exp. Oct 23, 2017
DE (EP 1,725,047) - Exp. Oct 23, 2017
DE (EP 1,809,037) - Exp. Oct 23, 2017
DE (EP 1,809,038) - Exp. Oct 23, 2017
DE (EP 1,809,039) - Exp. Oct 23, 2017
DE (EP 1,809,045) - Exp. Oct 23, 2017
DE (EP 1,809,046) - Exp. Oct 23, 2017
DE (EP 1,809,047) - Exp. Oct 23, 2017
DE (EP 1,843,599) - Exp. Oct 23, 2017
DE (EP 1,843,600) - Exp. Oct 23, 2017
DE (EP 1988714) - Exp. Oct 23, 2017
DE (EP 1988715) - Exp. Oct 23, 2017
DE (EP 1988716) - Exp. Oct 23, 2017
DE (EP 2094013) - Exp. Oct 23, 2017
DE (EP 2,200,314) - Exp. Oct 23, 2018
DE (EP 2,278,809) - Exp. Mar 6, 2018
DE (EP 2,278,811) - Exp. Mar 6, 2018
DE (EP 2,306,721) - Exp. Oct 23, 2018
DE (EP 2,306,722) - Exp. Oct 23, 2018
DE (EP 2,352,297) - Exp. Jan 22, 2018
DE (EP 2,369,847) - Exp. Jan 22, 2018
FI 98421 - Exp. Aug 21, 2010
FI (EP 1,026,899) - Exp. Oct 23, 2018
FI (EP 1558038) - Exp. Oct 23, 2018
FI (EP 2,200,314) - Exp. Oct 23, 2018
FI (EP 2,306,721) - Exp. Oct 23, 2018
FI (EP 2,306,722) - Exp. Oct 23, 2018
FR (EP 0 414 193) - Exp. Aug 20, 2010
FR (EP 0905980) - Exp. Oct 23, 2017
FR (EP 1,026,899) - Exp. Oct 23, 2018
FR (EP 1032219) - Exp. Oct 23, 2017
FR (EP 1,328,125) - Exp. Oct 23, 2017
FR (EP 1558038) - Exp. Oct 23, 2018
FR (EP 1,565,002) - Exp. Oct 23, 2017
FR (EP 1,565,003) - Exp. Oct 23, 2017
FR (EP 1,565,004) - Exp. Oct 23, 2017
FR (EP 1,725,045) - Exp. Oct 23, 2017
FR (EP 1,725,046) - Exp. Oct 23, 2017
FR (EP 1,725,047) - Exp. Oct 23, 2017
FR (EP 1,809,037) - Exp. Oct 23, 2017
FR (EP 1,809,038) - Exp. Oct 23, 2017
FR (EP 1,809,039) - Exp. Oct 23, 2017
FR (EP 1,809,045) - Exp. Oct 23, 2017
FR (EP 1,809,046) - Exp. Oct 23, 2017
FR (EP 1,809,047) - Exp. Oct 23, 2017
FR (EP 1,843,599) - Exp. Oct 23, 2017
FR (EP 1,843,600) - Exp. Oct 23, 2017
FR (EP 1988714) - Exp. Oct 23, 2017

FR (EP 1988715) - Exp. Oct 23, 2017
FR (EP 1988716) - Exp. Oct 23, 2017
FR (EP 2094013) - Exp. Oct 23, 2017
FR (EP 2,200,314) - Exp. Oct 23, 2018
FR (EP 2,278,809) - Exp. Mar 6, 2018
FR (EP 2,278,811) - Exp. Mar 6, 2018
FR (EP 2,306,721) - Exp. Oct 23, 2018
FR (EP 2,306,722) - Exp. Oct 23, 2018
FR (EP 2,352,297) - Exp. Jan 22, 2018
FR (EP 2,369,847) - Exp. Jan 22, 2018
GB (EP 0 414 193) - Exp. Aug 20, 2010
GB (EP 0905980) - Exp. Oct 23, 2017
GB (EP 1,026,899) - Exp. Oct 23, 2018
GB (EP 1032219) - Exp. Oct 23, 2017
GB (EP 1,328,125) - Exp. Oct 23, 2017
GB (EP 1558038) - Exp. Oct 23, 2018
GB (EP 1,565,002) - Exp. Oct 23, 2017
GB (EP 1,565,003) - Exp. Oct 23, 2017
GB (EP 1,565,004) - Exp. Oct 23, 2017
GB (EP 1,725,045) - Exp. Oct 23, 2017
GB (EP 1,725,046) - Exp. Oct 23, 2017
GB (EP 1,725,047) - Exp. Oct 23, 2017
GB (EP 1,809,037) - Exp. Oct 23, 2017
GB (EP 1,809,038) - Exp. Oct 23, 2017
GB (EP 1,809,039) - Exp. Oct 23, 2017
GB (EP 1,809,045) - Exp. Oct 23, 2017
GB (EP 1,809,046) - Exp. Oct 23, 2017
GB (EP 1,809,047) - Exp. Oct 23, 2017
GB (EP 1,843,599) - Exp. Oct 23, 2017
GB (EP 1,843,600) - Exp. Oct 23, 2017
GB (EP 1988714) - Exp. Oct 23, 2017
GB (EP 1988715) - Exp. Oct 23, 2017
GB (EP 1988716) - Exp. Oct 23, 2017
GB (EP 2094013) - Exp. Oct 23, 2017
GB (EP 2,200,314) - Exp. Oct 23, 2018
GB (EP 2,278,809) - Exp. Mar 6, 2018
GB (EP 2,278,811) - Exp. Mar 6, 2018
GB (EP 2,306,721) - Exp. Oct 23, 2018
GB (EP 2,306,722) - Exp. Oct 23, 2018
HK 1008129 - Exp. Aug 20, 2010
HK 1030121 - Exp. Oct 23, 2018
HK 1030705 - Exp. Oct 23, 2017
HK 1079022 - Exp. Oct 23, 2018
HK 1,079,934 - Exp. Oct 23, 2017
HK 1,079,935 - Exp. Oct 23, 2017
HK 1079936 - Exp. Oct 23, 2017
HK 1,106,904 - Exp. Oct 23, 2017
HK 1,107,887 - Exp. Oct 23, 2017
HK 1,109,273 - Exp. Oct 23, 2017

HK 1,109,274 - Exp. Oct 23, 2017
HK 1,109,275 - Exp. Oct 23, 2017
HK 1,109,276 - Exp. Oct 23, 2017
HK 1,109,277 - Exp. Oct 23, 2017
HK 1109538 - Exp. Oct 23, 2017
HK 1,125,769 - Exp. Oct 23, 2017
HK 1,125,770 - Exp. Oct 23, 2017
HK 1,126,063 - Exp. Oct 23, 2017
HK 1,141,653 - Exp. Oct 23, 2018
HK 1,151,912 - Exp. Oct 22, 2018
HK 1,152,177 - Exp. Oct 22, 2018
IT (EP 0 414 193) - Exp. Aug 20, 2010
JP 1,869,940 - Exp. Mar 8, 2005
JP 2,128,624 - Exp. Aug 21, 2009
JP 2,510,456 - Exp. Mar 8, 2005
JP 3,197,420 - Exp. Jan 31, 2014
JP 3,386,142 - Exp. Oct 23, 2017
JP 3,570,863 - Exp. Aug 5, 2017
JP 3,573,759 - Exp. Oct 23, 2017
JP 3,803,348 - Exp. Mar 6, 2018
JP 3,803,349 - Exp. Mar 6, 2018
JP 3,836,827 - Exp. Jan 22, 2018
JP 3,860,323 - Exp. Mar 6, 2018
JP 3,894,206 - Exp. Mar 6, 2018
JP 3,907,623 - Exp. Nov 25, 2014
JP 3,993,212 - Exp. Oct 23, 2017
JP 3,993,213 - Exp. Oct 23, 2017
JP 4,260,191 - Exp. Oct 23, 2017
JP 4,260,192 - Exp. Oct 23, 2017
JP 4,260,193 - Exp. Oct 23, 2017
JP 4,260,194 - Exp. Oct 23, 2017
JP 4,260,195 - Exp. Oct 23, 2017
JP 4,350,759 - Exp. Oct 23, 2017
JP 4,350,760 - Exp. Oct 23, 2017
JP 4,350,761 - Exp. Oct 23, 2017
JP 4,350,796 - Exp. Oct 23, 2017
JP 4,708,263 - Exp. Mar 6, 2018
KR 77,808 - Exp. Aug 20, 2010
KR 319,944 - Exp. Oct 23, 2017
KR 487,986 - Exp. Oct 23, 2017
KR 487,989 - Exp. Oct 23, 2017
KR 511,693 - Exp. Oct 23, 2017
KR 531,566 - Exp. Oct 23, 2017
MX 224994 - Exp. Apr 19, 2020
MX 240012 - Exp. Mar 6, 2018
MX 254373 - Exp. Sep 14, 2018
MX 261064 - Exp. Mar 6, 2018
MX 267,468 - Exp. Sep 14, 2018
MX 268,337 - Exp. Mar 6, 2018

MX 269984 - Exp. Oct 23, 2017
MX 271,349 - Exp. Sep 14, 2018
MX 271,350 - Exp. Sep 14, 2018
MX 271,351 - Exp. Sep 14, 2018
MX 281,594 - Exp. Oct 23, 2017
MX 281,595 - Exp. Oct 23, 2017
MX 281,612 - Exp. Oct 23, 2017
MX 281,613 - Exp. Oct 23, 2017
MX 281,614 - Exp. Oct 23, 2017
MX 281,615 - Exp. Oct 23, 2017
MX 281,616 - Exp. Oct 23, 2017
MX 283,553 - Exp. Oct 23, 2017
MX 283,560 - Exp. Oct 23, 2017
MX 284,048 - Exp. Oct 23, 2017
MX 305,021 - Exp. Sep 14, 2018
NL (EP 0 414 193) - Exp. Aug 20, 2010
NL (EP 0905980) - Exp. Oct 23, 2017
NL (EP 1,026,899) - Exp. Oct 23, 2018
NL (EP 1032219) - Exp. Oct 23, 2017
NL (EP 1,328,125) - Exp. Oct 23, 2017
NL (EP 1558038) - Exp. Oct 23, 2018
NL (EP 1,565,002) - Exp. Oct 23, 2017
NL (EP 1,565,003) - Exp. Oct 23, 2017
NL (EP 1,565,004) - Exp. Oct 23, 2017
NL (EP 1,725,045) - Exp. Oct 23, 2017
NL (EP 1,725,046) - Exp. Oct 23, 2017
NL (EP 1,725,047) - Exp. Oct 23, 2017
NL (EP 1,809,037) - Exp. Oct 23, 2017
NL (EP 1,809,038) - Exp. Oct 23, 2017
NL (EP 1,809,039) - Exp. Oct 23, 2017
NL (EP 1,809,045) - Exp. Oct 23, 2017
NL (EP 1,809,046) - Exp. Oct 23, 2017
NL (EP 1,809,047) - Exp. Oct 23, 2017
NL (EP 1,843,599) - Exp. Oct 23, 2017
NL (EP 1,843,600) - Exp. Oct 23, 2017
NL (EP 1988714) - Exp. Oct 23, 2017
NL (EP 1988715) - Exp. Oct 23, 2017
NL (EP 1988716) - Exp. Oct 23, 2017
NL (EP 2094013) - Exp. Oct 23, 2017
NL (EP 2,200,314) - Exp. Oct 23, 2018
NL (EP 2,278,809) - Exp. Mar 6, 2018
NL (EP 2,278,811) - Exp. Mar 6, 2018
NL (EP 2,306,721) - Exp. Oct 23, 2018
NL (EP 2,306,722) - Exp. Oct 23, 2018
NO 306749 - Exp. Aug 21, 2010
NO 310850 - Exp. Oct 21, 2012
SE (EP 0 414 193) - Exp. Aug 20, 2010
SE (EP 1,026,899) - Exp. Oct 23, 2018
SE (EP 1558038) - Exp. Oct 23, 2018

SE (EP 2,200,314) - Exp. Oct 23, 2018
SE (EP 2,306,721) - Exp. Oct 23, 2018
SE (EP 2,306,722) - Exp. Oct 23, 2018
SG 45452 - Exp. Aug 19, 2010
SG 72272 - Exp. Oct 23, 2017
TW 179400 - Exp. Oct 22, 2017
US 5,072,295 - Exp. Aug 19, 2010
US 6,097,759 - Exp. Oct 15, 2012
US 6,301,301 - Exp. Jan 27, 2018
US 6,404,815 - Exp. Oct 22, 2017
US 6,862,320 - Exp. Oct 22, 2017
US 6,983,014 - Exp. Mar 5, 2018
US 7,110,456 - Exp. Dec 1, 2018
US 7,127,110 - Exp. Oct 22, 2018
US 7,197,188 - Exp. Oct 22, 2018
US 7,356,078 - Exp. Mar 5, 2018
US 7,362,907 - Exp. Oct 22, 2018
US 7,469,008 - Exp. Aug 19, 2019
US 7,469,009 - Exp. Jan 21, 2020
US 7,720,149 - Exp. Sep 23, 2020
US 7,970,217 - Exp. Oct 22, 2018
US 8,005,143 - Exp. Jun 6, 2020
US 8,031,781 - Exp. Oct 22, 2017
US 8,036,277 - Exp. Jul 1, 2020
US 8,036,278 - Exp. Jun 30, 2020
US 8,036,279 - Exp. Jul 2, 2020
US 8,040,955 - Exp. Jun 27, 2020
US 8,040,956 - Exp. Oct 22, 2017
US 8,045,617 - Exp. Aug 15, 2020
US 8,045,623 - Exp. Oct 22, 2017
US 8,045,624 - Exp. Jun 14, 2020
US 8,054,889 - Exp. Jun 22, 2020
US 8,098,734 - Exp. May 15, 2018
US 8,170,105 - Exp. Apr 4, 2020
US 8,194,742 - Exp. Feb 16, 2020
US 8,295,350 - Exp. Aug 14, 2016
US 8,737,463 - Exp. Mar 5, 2018

NTT, Inc.

CA 2,263,855 - Exp. Jun 25, 2018
CA 2,279,923 - Exp. Jan 27, 2018
CN 1,208,971 - Exp. Jan 26, 2018
CN 100466747 - Exp. Jan 26, 2018
DE (EP 0921688) - Exp. Jun 25, 2018
DE (EP 0961499) - Exp. Jan 27, 2018
DE (EP 1809044) - Exp. Jan 27, 2018
DE (EP 1819173) - Exp. Jun 25, 2018
FR (EP 0921688) - Exp. Jun 25, 2018

FR (EP 0961499) - Exp. Jan 27, 2018
FR (EP 1809044) - Exp. Jan 27, 2018
FR (EP 1819173) - Exp. Jun 25, 2018
GB (EP 0921688) - Exp. Jun 25, 2018
GB (EP 0961499) - Exp. Jan 27, 2018
GB (EP 1809044) - Exp. Jan 27, 2018
GB (EP 1819173) - Exp. Jun 25, 2018
IT (EP 0961499) - Exp. Jan 27, 2018
IT (EP 1809044) - Exp. Jan 27, 2018
JP 2,562,499 - Exp. May 29, 2009
JP 2,914,448 - Exp. Jun 25, 2018
JP 2,952,226 - Exp. Jan 22, 2018
KR 322,515 - Exp. Jan 27, 2018
US 6,785,331 - Exp. Jan 26, 2018
US 9,154,789 - Exp. Sep 15, 2018

Oki Electric Industry Co., Ltd.

JP 2,898,212 - Exp. Dec 21, 2014

Orange SA

DE (EP 248,711) - Exp. May 26, 2007
DE (EP 321318) - Exp. Nov 17, 2008
FI 86,241 - Exp. May 28, 2007
FR 2,599,577 - Exp. May 29, 2006
GB (EP 248,711) - Exp. May 26, 2007
GB (EP 321318) - Exp. Nov 17, 2008
IT (EP 248,711) - Exp. May 26, 2007
IT (EP 321318) - Exp. Nov 17, 2008
JP 2,661,220 - Exp. Dec 16, 2008
NL (EP 321318) - Exp. Nov 17, 2008
SE (EP 248,711) - Exp. May 26, 2007
SE (EP 321318) - Exp. Nov 17, 2008
US 4,796,087 - Exp. May 31, 2007
US 4,933,762 - Exp. Nov 27, 2008

Panasonic Holdings Corporation

AU 681818 - Exp. Jan 31, 2016
BR PI9804752-3 - Exp. Jun 12, 2022
BR PI9805978-5 - Exp. Jun 12, 2022
CA 2,168,415 - Exp. Jan 30, 2016
CN 01115939.1 - Exp. Jul 3, 2017
CN 01115941.3 - Exp. Jul 3, 2017
CN 01118860.X - Exp. Feb 5, 2018
CN 01118861.8 - Exp. Feb 5, 2018
CN 1137467.5 - Exp. Oct 30, 2018
CN 1137469.1 - Exp. Oct 30, 2018

CN 1137470.5 - Exp. Oct 30, 2018
CN 1137471.3 - Exp. Oct 30, 2018
CN 1139430.7 - Exp. Nov 6, 2017
CN 1139431.5 - Exp. Nov 6, 2017
CN 1139432.3 - Exp. Nov 6, 2017
CN 1139433.1 - Exp. Nov 6, 2017
CN 1139434.X - Exp. Nov 6, 2017
CN 97190851.6 - Exp. Jul 3, 2017
CN 97192067.2 - Exp. Nov 6, 2017
CN 98121454.1 - Exp. Oct 30, 2018
CN 98800434.8 - Exp. Feb 5, 2018
CN 200410033475.7 - Exp. Jul 23, 2018
CN 200410095099.4 - Exp. Jul 3, 2017
CN 200510054265.0 - Exp. Nov 6, 2017
DE (EP 725545) - Exp. Jan 30, 2016
DE (EP 864228) - Exp. Jul 3, 2017
DE (EP 873,018) - Exp. Nov 6, 2017
DE (EP 0893925) - Exp. Jul 22, 2018
DE (EP 0903042) - Exp. Feb 5, 2018
DE (EP 909,099) - Exp. Sep 15, 2018
DE (EP 914,008) - Exp. Oct 26, 2018
DE (EP 1,100,272) - Exp. Nov 6, 2017
DE (EP 1,100,273) - Exp. Nov 6, 2017
DE (EP 1,100,274) - Exp. Nov 6, 2017
DE (EP 1,104,972) - Exp. Nov 6, 2017
DE (EP 1113672) - Exp. Feb 5, 2018
DE (EP 1113673) - Exp. Feb 5, 2018
DE (EP 1117258) - Exp. Oct 26, 2018
DE (EP 1117259) - Exp. Oct 26, 2018
DE (EP 1,117,260) - Exp. Oct 26, 2018
DE (EP 1,117,261) - Exp. Oct 26, 2018
DE (EP 1343330) - Exp. Jul 3, 2017
DE (EP 1397006) - Exp. Feb 5, 2018
DE (EP 1560439) - Exp. Nov 6, 2017
ES (EP 864228) - Exp. Jul 3, 2017
ES (EP 0893925) - Exp. Jul 22, 2018
ES (EP 0903042) - Exp. Feb 5, 2018
ES (EP 914,008) - Exp. Oct 26, 2018
ES (EP 1113672) - Exp. Feb 5, 2018
ES (EP 1113673) - Exp. Feb 5, 2018
ES (EP 1117258) - Exp. Oct 26, 2018
ES (EP 1117259) - Exp. Oct 26, 2018
ES (EP 1,117,260) - Exp. Oct 26, 2018
ES (EP 1,117,261) - Exp. Oct 26, 2018
ES (EP 1343330) - Exp. Jul 3, 2017
ES (EP 1397006) - Exp. Feb 5, 2018
FR (EP 725545) - Exp. Jan 30, 2016
FR (EP 864228) - Exp. Jul 3, 2017
FR (EP 873,018) - Exp. Nov 6, 2017

FR (EP 0893925) - Exp. Jul 22, 2018
FR (EP 0903042) - Exp. Feb 5, 2018
FR (EP 909,099) - Exp. Sep 15, 2018
FR (EP 914,008) - Exp. Oct 26, 2018
FR (EP 1,100,272) - Exp. Nov 6, 2017
FR (EP 1,100,273) - Exp. Nov 6, 2017
FR (EP 1,100,274) - Exp. Nov 6, 2017
FR (EP 1,104,972) - Exp. Nov 6, 2017
FR (EP 1113672) - Exp. Feb 5, 2018
FR (EP 1113673) - Exp. Feb 5, 2018
FR (EP 1117258) - Exp. Oct 26, 2018
FR (EP 1117259) - Exp. Oct 26, 2018
FR (EP 1,117,260) - Exp. Oct 26, 2018
FR (EP 1,117,261) - Exp. Oct 26, 2018
FR (EP 1343330) - Exp. Jul 3, 2017
FR (EP 1397006) - Exp. Feb 5, 2018
FR (EP 1560439) - Exp. Nov 6, 2017
GB (EP 725545) - Exp. Jan 30, 2016
GB (EP 864228) - Exp. Jul 3, 2017
GB (EP 873,018) - Exp. Nov 6, 2017
GB (EP 0893925) - Exp. Jul 22, 2018
GB (EP 0903042) - Exp. Feb 5, 2018
GB (EP 909,099) - Exp. Sep 15, 2018
GB (EP 914,008) - Exp. Oct 26, 2018
GB (EP 1,100,272) - Exp. Nov 6, 2017
GB (EP 1,100,273) - Exp. Nov 6, 2017
GB (EP 1,100,274) - Exp. Nov 6, 2017
GB (EP 1,104,972) - Exp. Nov 6, 2017
GB (EP 1113672) - Exp. Feb 5, 2018
GB (EP 1113673) - Exp. Feb 5, 2018
GB (EP 1117258) - Exp. Oct 26, 2018
GB (EP 1117259) - Exp. Oct 26, 2018
GB (EP 1,117,260) - Exp. Oct 26, 2018
GB (EP 1,117,261) - Exp. Oct 26, 2018
GB (EP 1343330) - Exp. Jul 3, 2017
GB (EP 1397006) - Exp. Feb 5, 2018
GB (EP 1560439) - Exp. Nov 6, 2017
HK 1016390 - Exp. Jul 3, 2017
HK 1016392 - Exp. Jul 3, 2017
HK 1060463 - Exp. Jul 3, 2017
HK 1075345 - Exp. Jul 3, 2017
ID 10293 - Exp. Feb 5, 2018
ID 14151 - Exp. Oct 30, 2018
IN 206840 - Exp. Oct 22, 2018
IN 213894 - Exp. Feb 5, 2018
IT (EP 864228) - Exp. Jul 3, 2017
IT (EP 0893925) - Exp. Jul 22, 2018
IT (EP 0903042) - Exp. Feb 5, 2018
IT (EP 909,099) - Exp. Sep 15, 2018

IT (EP 914,008) - Exp. Oct 26, 2018
IT (EP 1113672) - Exp. Feb 5, 2018
IT (EP 1113673) - Exp. Feb 5, 2018
IT (EP 1117258) - Exp. Oct 26, 2018
IT (EP 1117259) - Exp. Oct 26, 2018
IT (EP 1,117,260) - Exp. Oct 26, 2018
IT (EP 1,117,261) - Exp. Oct 26, 2018
IT (EP 1343330) - Exp. Jul 3, 2017
IT (EP 1397006) - Exp. Feb 5, 2018
JP 2,794,899 - Exp. May 8, 2010
JP 3,103,383 - Exp. Nov 6, 2017
JP 3,135,061 - Exp. Nov 6, 2017
JP 3,135,062 - Exp. Nov 6, 2017
JP 3,186,775 - Exp. Jul 3, 2017
JP 3,197,264 - Exp. Jul 3, 2017
JP 3,232,052 - Exp. Oct 20, 2018
JP 3,232,080 - Exp. Oct 20, 2018
JP 3,232,081 - Exp. Oct 20, 2018
JP 3,232,082 - Exp. Oct 20, 2018
JP 3,234,807 - Exp. Feb 3, 2018
JP 3,234,830 - Exp. Feb 3, 2018
JP 3,401,505 - Exp. Jul 3, 2017
JP 3,425,377 - Exp. Oct 20, 2018
JP 3,743,960 - Exp. Nov 6, 2017
JP 3,743,961 - Exp. Nov 6, 2017
JP 3,743,962 - Exp. Nov 6, 2017
JP 3,769,457 - Exp. Jul 3, 2017
JP 3,769,467 - Exp. Feb 3, 2018
KR 294,120 - Exp. Jul 25, 2018
KR 303,054 - Exp. Feb 5, 2018
KR 318,055 - Exp. Nov 6, 2017
KR 318,057 - Exp. Nov 6, 2017
KR 318,058 - Exp. Nov 6, 2017
KR 318,059 - Exp. Nov 6, 2017
KR 384,918 - Exp. Oct 31, 2018
KR 402,541 - Exp. Nov 6, 2017
KR 525,862 - Exp. Oct 31, 2018
KR 530,394 - Exp. Oct 31, 2018
KR 530,395 - Exp. Oct 31, 2018
KR 530,406 - Exp. Oct 31, 2018
MX 220076 - Exp. Oct 8, 2018
MX 233931 - Exp. Oct 29, 2018
MY 118198 - Exp. Sep 30, 2019
MY 127668 - Exp. Dec 29, 2021
MY 129889-A - Exp. May 31, 2022
NL (EP 873,018) - Exp. Nov 6, 2017
NL (EP 1,100,272) - Exp. Nov 6, 2017
NL (EP 1,100,273) - Exp. Nov 6, 2017
NL (EP 1,100,274) - Exp. Nov 6, 2017

NL (EP 1,104,972) - Exp. Nov 6, 2017
NL (EP 1560439) - Exp. Nov 6, 2017
SG 51634 - Exp. Jul 2, 2017
SG 56895 - Exp. Feb 5, 2018
SG 86337 - Exp. Oct 26, 2018
SG 90765 - Exp. Jul 3, 2017
SG 102016 - Exp. Nov 5, 2017
TH 25,132 - Exp. Feb 3, 2018
TH 30975 - Exp. Oct 29, 2018
TW 104594 - Exp. Jul 4, 2017
TW 106082 - Exp. Nov 5, 2017
TW 112412 - Exp. Oct 22, 2018
TW 123254 - Exp. Jul 23, 2018
TW 136357 - Exp. Feb 6, 2018
US Re. 35,910 - Exp. May 10, 2010
US Re. 38,726 - Exp. Jan 30, 2016
US Re. 38,923 - Exp. Jul 2, 2017
US Re. 39,115 - Exp. Jul 2, 2017
US Re. 39,318 - Exp. Jul 19, 2018
US Re. 39,367 - Exp. Jan 30, 2016
US Re. 40,664 - Exp. Jul 2, 2017
US 5,223,949 - Exp. Apr 16, 2012
US 6,345,123 - Exp. Nov 5, 2017
US 6,349,149 - Exp. Nov 5, 2017
US 6,373,856 - Exp. Sep 14, 2018
US 6,404,929 - Exp. Nov 5, 2017
US 6,445,739 - Exp. Feb 4, 2018
US 6,490,372 - Exp. Nov 5, 2017
US 6,501,793 - Exp. Feb 4, 2018
US 6,549,724 - Exp. Oct 21, 2018
US 6,556,717 - Exp. Nov 5, 2017
US 6,574,369 - Exp. Nov 5, 2017
US 6,608,936 - Exp. Nov 5, 2017
US 6,654,541 - Exp. Oct 21, 2018
US 6,654,545 - Exp. Oct 29, 2018
US 6,671,456 - Exp. Oct 21, 2018
US 6,707,986 - Exp. Oct 21, 2018
US 7,010,035 - Exp. Sep 29, 2019
US 7,116,829 - Exp. Nov 5, 2017
US 7,289,670 - Exp. Nov 5, 2017
US 7,379,606 - Exp. Nov 5, 2017
US 7,522,775 - Exp. Nov 5, 2017
US 7,860,159 - Exp. Feb 4, 2018

Pantech Inc.

AT (EP 940,995) - Exp. Mar 4, 2019
BE (EP 940,995) - Exp. Mar 4, 2019
CH (EP 940,995) - Exp. Mar 4, 2019

CN 96120293.9 - Exp. Oct 25, 2016
CY (EP 940,995) - Exp. Mar 4, 2019
DE (EP 940,995) - Exp. Mar 4, 2019
DK (EP 940,995) - Exp. Mar 4, 2019
ES (EP 940,995) - Exp. Mar 4, 2019
FI (EP 940,995) - Exp. Mar 4, 2019
FR (EP 940,995) - Exp. Mar 4, 2019
GB (EP 940,995) - Exp. Mar 4, 2019
GR (EP 940,995) - Exp. Mar 4, 2019
IE (EP 940,995) - Exp. Mar 4, 2019
IT (EP 940,995) - Exp. Mar 4, 2019
JP 2,823,843 - Exp. Oct 28, 2016
JP 3,439,146 - Exp. Mar 4, 2019
JP 3,596,728 - Exp. Jul 9, 2018
JP 3,883,618 - Exp. Oct 25, 2016
KR 211,917 - Exp. Oct 5, 2016
KR 237,359 - Exp. Oct 25, 2016
KR 303,685 - Exp. Sep 26, 2017
KR 374,717 - Exp. Feb 10, 2019
KR 392,379 - Exp. Jul 9, 2018
KR 413,979 - Exp. Jul 15, 2016
KR 423,719 - Exp. Jul 9, 2018
LI (EP 940,995) - Exp. Mar 4, 2019
LU (EP 940,995) - Exp. Mar 4, 2019
MC (EP 940,995) - Exp. Mar 4, 2019
NL (EP 940,995) - Exp. Mar 4, 2019
NO 318815 - Exp. Oct 23, 2016
PT (EP 940,995) - Exp. Mar 4, 2019
SE (EP 940,995) - Exp. Mar 4, 2019
US 6,215,905 - Exp. Sep 29, 2017
US 6,351,563 - Exp. Jul 8, 2018
US 6,580,832 - Exp. Jul 8, 2018
US 6,944,351 - Exp. Oct 24, 2016

Robert Bosch GmbH

CH (EP 100 2429) - Exp. Jul 28, 2018
DE (EP 0 279 053) - Exp. Dec 11, 2007
DE (EP 100 2429) - Exp. Jul 28, 2018
DE (EP 102 5704) - Exp. Aug 7, 2018
DE (EP 1025706) - Exp. Sep 18, 2018
DK (EP 100 2429) - Exp. Jul 28, 2018
ES (EP 100 2429) - Exp. Jul 28, 2018
FI (EP 100 2429) - Exp. Jul 28, 2018
FI (EP 1025706) - Exp. Sep 18, 2018
FR (EP 0 279 053) - Exp. Dec 11, 2007
FR (EP 100 2429) - Exp. Jul 28, 2018
FR (EP 102 5704) - Exp. Aug 7, 2018
FR (EP 1025706) - Exp. Sep 18, 2018

GB (EP 0 279 053) - Exp. Dec 11, 2007
GB (EP 100 2429) - Exp. Jul 28, 2018
GB (EP 102 5704) - Exp. Aug 7, 2018
GB (EP 1025706) - Exp. Sep 18, 2018
IT (EP 0 279 053) - Exp. Dec 11, 2007
IT (EP 100 2429) - Exp. Jul 28, 2018
IT (EP 102 5704) - Exp. Aug 7, 2018
IT (EP 1025706) - Exp. Sep 18, 2018
LI (EP 100 2429) - Exp. Jul 28, 2018
NL (EP 0 279 053) - Exp. Dec 11, 2007
NL (EP 100 2429) - Exp. Jul 28, 2018
SE (EP 100 2429) - Exp. Jul 28, 2018
SE (EP 102 5704) - Exp. Aug 7, 2018
SE (EP 1025706) - Exp. Sep 18, 2018

SANYO Electric Co., Ltd.

JP 2,812,446 - Exp. Nov 21, 2011

Sharp Corporation

CN 03145863.7 - Exp. May 6, 2015
DE (EP 731,608) - Exp. Feb 28, 2016
DE (EP 753,970) - Exp. Jan 31, 2016
DE (EP 880,286) - Exp. Feb 5, 2017
DE (EP 961,498) - Exp. Jan 31, 2016
ES (EP 880,286) - Exp. Feb 5, 2017
FR (EP 731,608) - Exp. Feb 28, 2016
FR (EP 753,970) - Exp. Jul 31, 2015
FR (EP 880,286) - Exp. Feb 5, 2017
FR (EP 961,498) - Exp. Jul 31, 2015
GB (EP 731,608) - Exp. Feb 28, 2016
GB (EP 753,970) - Exp. Jul 9, 2015
GB (EP 880,286) - Exp. Feb 5, 2017
GB (EP 961,498) - Exp. Jul 9, 2015
IT (EP 880,286) - Exp. Feb 5, 2017
JP 3,062,507 - Exp. Oct 30, 2009
JP 3,086,396 - Exp. Mar 10, 2015
JP 3,098,939 - Exp. Jul 14, 2015
JP 3,101,262 - Exp. Aug 18, 2015
JP 3,122,445 - Exp. Jan 7, 2009
JP 3,158,064 - Exp. Feb 9, 2015
JP 3,247,893 - Exp. Oct 30, 2009
JP 3,408,104 - Exp. Mar 28, 2017
JP 3,494,617 - Exp. Jul 14, 2015
JP 3,500,112 - Exp. Mar 10, 2015
JP 3,526,258 - Exp. Feb 27, 2015
JP 3,592,926 - Exp. Mar 19, 2018
JP 3,642,737 - Exp. Mar 28, 2017

JP 3,693,636 - Exp. Mar 19, 2018
JP 3,933,483 - Exp. Mar 28, 2017
NL (EP 880,286) - Exp. Feb 5, 2017
US 5,815,601 - Exp. Feb 27, 2016
US 5,963,257 - Exp. Jun 10, 2016
US 5,978,515 - Exp. Feb 27, 2016
US 5,986,708 - Exp. Jun 10, 2016
US 6,023,299 - Exp. Jun 10, 2016
US 6,084,914 - Exp. Jun 10, 2016
US 6,088,061 - Exp. Jun 10, 2016
US 6,148,030 - Exp. Feb 4, 2017
US 6,324,215 - Exp. Feb 26, 2017
US 6,466,622 - Exp. Feb 4, 2017
US 6,546,142 - Exp. May 6, 2017
US 6,671,412 - Exp. Dec 30, 2015
US 6,678,326 - Exp. Jan 13, 2016

Siemens AG

CA 2,406,164 - Exp. Apr 9, 2021
CN 1122419 C - Exp. Jun 30, 2019
CN 1157071 - Exp. Jan 7, 2018
CN 1204752 - Exp. Apr 8, 2021
DE (EP 1,110,407) - Exp. Jul 1, 2019
DE (EP 1,279,291) - Exp. Apr 9, 2021
DE 10143063 - Exp. Sep 3, 2021
FR (EP 1,110,407) - Exp. Jul 1, 2019
FR (EP 1,279,291) - Exp. Apr 9, 2021
GB (EP 1,110,407) - Exp. Jul 1, 2019
GB (EP 1,279,291) - Exp. Apr 9, 2021
IT (EP 1,110,407) - Exp. Jul 1, 2019
RU 2270530 - Exp. Apr 9, 2021
US 6,636,637 - Exp. Jan 6, 2018
US 7,068,721 - Exp. Mar 21, 2022

Sony Group Corporation

AT (EP 0 638 218) - Exp. Mar 1, 2014
AT (EP 0954182) - Exp. Mar 1, 2014
AT (EP 2,276,258) - Exp. Mar 1, 2014
AT (EP 2,276,259) - Exp. Mar 1, 2014
AU 669,983 - Exp. Oct 12, 2010
AU 673,244 - Exp. Mar 1, 2014
BE (EP 0 638 218) - Exp. Mar 1, 2014
BE (EP 0954182) - Exp. Mar 1, 2014
BE (EP 2,276,258) - Exp. Mar 1, 2014
BE (EP 2,276,259) - Exp. Mar 1, 2014
BF (OA 010,108) - Exp. Nov 1, 2014
BJ (OA 010,108) - Exp. Nov 1, 2014

CA 2,027,659 - Exp. Oct 15, 2010
CA 2,134,444 - Exp. Mar 1, 2014
CF (OA 010,108) - Exp. Nov 1, 2014
CG (OA 010,108) - Exp. Nov 1, 2014
CH (EP 0 638 218) - Exp. Mar 1, 2014
CH (EP 0954182) - Exp. Mar 1, 2014
CH (EP 2,276,258) - Exp. Mar 1, 2014
CH (EP 2,276,259) - Exp. Mar 1, 2014
CI (OA 010,108) - Exp. Nov 1, 2014
CM (OA 010,108) - Exp. Nov 1, 2014
CN 1,076,935 - Exp. Mar 1, 2014
DE (EP 0 424 026) - Exp. Oct 11, 2010
DE (EP 0 456 433) - Exp. May 3, 2011
DE (EP 0 527 011) - Exp. Jul 28, 2012
DE (EP 0 638 218) - Exp. Mar 1, 2014
DE (EP 0954182) - Exp. Mar 1, 2014
DE (EP 2,276,258) - Exp. Mar 1, 2014
DE (EP 2,276,259) - Exp. Mar 1, 2014
DK (EP 0 638 218) - Exp. Mar 1, 2014
DK (EP 0954182) - Exp. Mar 1, 2014
DK (EP 2,276,258) - Exp. Mar 1, 2014
DK (EP 2,276,259) - Exp. Mar 1, 2014
ES (EP 0 638 218) - Exp. Mar 1, 2014
ES (EP 0954182) - Exp. Mar 1, 2014
ES (EP 2,276,258) - Exp. Mar 1, 2014
ES (EP 2,276,259) - Exp. Mar 1, 2014
FR (EP 0 424 026) - Exp. Oct 11, 2010
FR (EP 0 456 433) - Exp. May 3, 2011
FR (EP 0 527 011) - Exp. Jul 28, 2012
FR (EP 0 638 218) - Exp. Mar 1, 2014
FR (EP 0954182) - Exp. Mar 1, 2014
FR (EP 2,276,258) - Exp. Mar 1, 2014
FR (EP 2,276,259) - Exp. Mar 1, 2014
GA (OA 010,108) - Exp. Nov 1, 2014
GB (EP 0 424 026) - Exp. Oct 11, 2010
GB (EP 0 456 433) - Exp. May 3, 2011
GB (EP 0 527 011) - Exp. Jul 28, 2012
GB (EP 0 638 218) - Exp. Mar 1, 2014
GB (EP 0954182) - Exp. Mar 1, 2014
GB (EP 2,276,258) - Exp. Mar 1, 2014
GB (EP 2,276,259) - Exp. Mar 1, 2014
GN (OA 010,108) - Exp. Nov 1, 2014
GR (EP 0 638 218) - Exp. Mar 1, 2014
GR (EP 0954182) - Exp. Mar 1, 2014
GR (EP 2,276,258) - Exp. Mar 1, 2014
GR (EP 2,276,259) - Exp. Mar 1, 2014
GW (OA 010,108) - Exp. Nov 1, 2014
HK 1,013,570 - Exp. Jul 28, 2012
HK 1013575 - Exp. Mar 1, 2014

HK 1014415 - Exp. May 3, 2011
IE (EP 0 638 218) - Exp. Mar 1, 2014
IE (EP 0954182) - Exp. Mar 1, 2014
IE (EP 2,276,258) - Exp. Mar 1, 2014
IE (EP 2,276,259) - Exp. Mar 1, 2014
IN 188,824 - Exp. Feb 24, 2014
IT (EP 0 638 218) - Exp. Mar 1, 2014
IT (EP 0954182) - Exp. Mar 1, 2014
IT (EP 2,276,258) - Exp. Mar 1, 2014
IT (EP 2,276,259) - Exp. Mar 1, 2014
JP 2,712,645 - Exp. Oct 14, 2009
JP 2,874,745 - Exp. May 9, 2010
JP 2,877,225 - Exp. May 9, 2010
JP 2,969,782 - Exp. May 9, 2010
JP 2,977,104 - Exp. Jul 26, 2011
JP 3,489,581 - Exp. Mar 18, 2013
JP 3,539,910 - Exp. Mar 18, 2013
KR 221,889 - Exp. May 9, 2011
LI (EP 0 638 218) - Exp. Mar 1, 2014
LI (EP 0954182) - Exp. Mar 1, 2014
LI (EP 2,276,258) - Exp. Mar 1, 2014
LI (EP 2,276,259) - Exp. Mar 1, 2014
LU (EP 0 638 218) - Exp. Mar 1, 2014
LU (EP 0954182) - Exp. Mar 1, 2014
LU (EP 2,276,258) - Exp. Mar 1, 2014
LU (EP 2,276,259) - Exp. Mar 1, 2014
MC (EP 0 638 218) - Exp. Mar 1, 2014
MC (EP 0954182) - Exp. Mar 1, 2014
MC (EP 2,276,258) - Exp. Mar 1, 2014
MC (EP 2,276,259) - Exp. Mar 1, 2014
ML (OA 010,108) - Exp. Nov 1, 2014
MR (OA 010,108) - Exp. Nov 1, 2014
MX 197,778 - Exp. Feb 28, 2014
MY 110,794 - Exp. Apr 30, 2019
NE (OA 010,108) - Exp. Nov 1, 2014
NL (EP 0 638 218) - Exp. Mar 1, 2014
NL (EP 0954182) - Exp. Mar 1, 2014
NL (EP 2,276,258) - Exp. Mar 1, 2014
NL (EP 2,276,259) - Exp. Mar 1, 2014
PT (EP 0 638 218) - Exp. Mar 1, 2014
PT (EP 0954182) - Exp. Mar 1, 2014
PT (EP 2,276,258) - Exp. Mar 1, 2014
PT (EP 2,276,259) - Exp. Mar 1, 2014
RU 2,119,727 - Exp. Mar 1, 2014
SE (EP 0 638 218) - Exp. Mar 1, 2014
SE (EP 0954182) - Exp. Mar 1, 2014
SE (EP 2,276,258) - Exp. Mar 1, 2014
SE (EP 2,276,259) - Exp. Mar 1, 2014
SN (OA 010,108) - Exp. Nov 1, 2014

TD (OA 010,108) - Exp. Nov 1, 2014
TG (OA 010,108) - Exp. Nov 1, 2014
TW 66,605-B - Exp. Aug 18, 2013
US Re. 37,222 - Exp. Oct 11, 2010
US 5,191,436 - Exp. Apr 29, 2011
US 5,298,991 - Exp. Jul 23, 2012
US 5,343,248 - Exp. Jul 15, 2012
US 5,428,396 - Exp. Jul 23, 2012
US 5,481,553 - Exp. Feb 27, 2014

Sun Patent Trust

BR PI9702224-1 - Exp. Aug 10, 2020
BR PI9801156-1 - Exp. Oct 16, 2022
BR PI9904785-3 - Exp. Jan 28, 2024
CA 2,228,166 - Exp. May 28, 2017
CN 1118786.7 - Exp. Oct 26, 2018
CN 1119094.9 - Exp. May 28, 2017
CN 1119095.7 - Exp. May 28, 2017
CN 1119096.5 - Exp. May 28, 2017
CN 1119097.3 - Exp. May 28, 2017
CN 1139428.5 - Exp. Jan 25, 2019
CN 97190908.3 - Exp. May 28, 2017
CN 98106370.5 - Exp. Apr 9, 2018
CN 98117220.2 - Exp. Jun 18, 2018
CN 98120577.1 - Exp. Oct 26, 2018
CN 99800063.9 - Exp. Jan 25, 2019
CN 200410101129.8 - Exp. Jan 25, 2019
CN 200510067737.6 - Exp. May 28, 2017
CN 200610095680.5 - Exp. May 28, 2017
CN 200610095683.9 - Exp. May 28, 2017
DE (EP 843484) - Exp. May 28, 2017
DE (EP 1065883) - Exp. Apr 7, 2018
DE (EP 1096801) - Exp. May 28, 2017
DE (EP 1096802) - Exp. May 28, 2017
DE (EP 1,098,528) - Exp. May 28, 2017
DE (EP 1119199) - Exp. Jan 25, 2019
DE (EP 1124380) - Exp. Jun 19, 2018
ES (EP 843484) - Exp. May 28, 2017
ES (EP 1065883) - Exp. Apr 7, 2018
ES (EP 1096801) - Exp. May 28, 2017
ES (EP 1096802) - Exp. May 28, 2017
ES (EP 1,098,528) - Exp. May 28, 2017
ES (EP 1119199) - Exp. Jan 25, 2019
ES (EP 1124380) - Exp. Jun 19, 2018
FR (EP 843484) - Exp. May 28, 2017

FR (EP 1065883) - Exp. Apr 7, 2018
FR (EP 1096801) - Exp. May 28, 2017
FR (EP 1096802) - Exp. May 28, 2017
FR (EP 1,098,528) - Exp. May 28, 2017
FR (EP 1119199) - Exp. Jan 25, 2019
FR (EP 1124380) - Exp. Jun 19, 2018
GB (EP 843484) - Exp. May 28, 2017
GB (EP 1065883) - Exp. Apr 7, 2018
GB (EP 1096801) - Exp. May 28, 2017
GB (EP 1096802) - Exp. May 28, 2017
GB (EP 1,098,528) - Exp. May 28, 2017
GB (EP 1119199) - Exp. Jan 25, 2019
GB (EP 1124380) - Exp. Jun 19, 2018
ID 13824 - Exp. Apr 8, 2018
ID 14440 - Exp. Jan 25, 2019
IN 192209 - Exp. Apr 7, 2018
IN 213435 - Exp. Jan 24, 2019
IT (EP 843484) - Exp. May 28, 2017
IT (EP 1065883) - Exp. Apr 7, 2018
IT (EP 1096801) - Exp. May 28, 2017
IT (EP 1096802) - Exp. May 28, 2017
IT (EP 1,098,528) - Exp. May 28, 2017
IT (EP 1119199) - Exp. Jan 25, 2019
IT (EP 1124380) - Exp. Jun 19, 2018
JP 3,118,237 - Exp. May 28, 2017
JP 3,149,417 - Exp. May 28, 2017
JP 3,149,418 - Exp. May 28, 2017
JP 3,157,144 - Exp. May 28, 2017
JP 3,343,554 - Exp. May 28, 2017
JP 3,369,573 - Exp. May 28, 2017
JP 3,380,763 - Exp. Jan 22, 2019
JP 3,380,797 - Exp. Jan 22, 2019
JP 3,387,820 - Exp. Apr 7, 2018
JP 3,851,063 - Exp. May 28, 2017
JP 3,851,317 - Exp. May 28, 2017
JP 3,857,297 - Exp. May 28, 2017
JP 4,418,090 - Exp. Jan 22, 2019
KR 303,373 - Exp. Jun 20, 2018
KR 319,248 - Exp. Apr 9, 2018
KR 324,608 - Exp. May 28, 2017
KR 324,609 - Exp. May 28, 2017
KR 324,610 - Exp. May 28, 2017
KR 324,611 - Exp. May 28, 2017
KR 365,259 - Exp. Jan 25, 2019
KR 371,129 - Exp. May 28, 2017
KR 371,130 - Exp. May 28, 2017
KR 394,938 - Exp. Jan 25, 2019
KR 403,077 - Exp. May 28, 2017
KR 446,365 - Exp. Jan 25, 2019

MX 215790 - Exp. May 28, 2017
MX 217079 - Exp. Apr 8, 2018
MX 219004 - Exp. Jan 25, 2019
MX 241253 - Exp. May 28, 2017
MX 241254 - Exp. May 28, 2017
MX 241255 - Exp. May 28, 2017
MX 241257 - Exp. May 28, 2017
MX 251306 - Exp. Jan 25, 2019
MY 119926-A - Exp. Aug 30, 2020
MY 124052 - Exp. Jun 30, 2021
MY 129665 - Exp. Apr 29, 2022
SG 51379 - Exp. May 28, 2017
SG 65064 - Exp. Apr 3, 2018
SG 67783 - Exp. Jan 25, 2019
SG 116400 - Exp. Oct 23, 2017
TH 25639 - Exp. Apr 8, 2018
TH 28372 - Exp. Jan 21, 2019
TW 117930 - Exp. Jun 17, 2018
TW 416220 - Exp. Jan 21, 2019
US 6,148,109 - Exp. May 27, 2017
US 6,275,533 - Exp. Jun 17, 2018
US 6,292,588 - Exp. May 27, 2017
US 6,360,016 - Exp. May 27, 2017
US 6,366,703 - Exp. May 27, 2017
US 6,370,276 - Exp. Apr 2, 2018
US 6,377,708 - Exp. May 27, 2017
US 6,400,889 - Exp. Jan 24, 2019
US 6,408,096 - Exp. Oct 20, 2018
US 6,408,099 - Exp. Oct 20, 2018
US 6,418,268 - Exp. Jan 24, 2019
US 6,449,424 - Exp. Jan 24, 2019
US 6,480,628 - Exp. Oct 20, 2018
US 6,532,306 - Exp. May 27, 2017
US 6,859,559 - Exp. Jan 30, 2018
US 7,079,694 - Exp. May 27, 2017
US 7,155,110 - Exp. Oct 1, 2020
US 7,394,941 - Exp. Jan 10, 2020
US 7,424,158 - Exp. Jul 12, 2017
US 7,437,008 - Exp. Jun 29, 2017
US 7,444,029 - Exp. Jun 29, 2017
US 7,995,654 - Exp. Dec 14, 2020

Telenor ASA

AT (EP 630,547) - Exp. Mar 10, 2013
BE (EP 630,547) - Exp. Mar 10, 2013
CH (EP 630,547) - Exp. Mar 10, 2013
DE (EP 630,547) - Exp. Mar 10, 2013
DK (EP 630,547) - Exp. Mar 10, 2013

ES (EP 630,547) - Exp. Mar 10, 2013
FR (EP 630,547) - Exp. Mar 10, 2013
GB (EP 630,547) - Exp. Mar 10, 2013
GR (EP 630,547) - Exp. Mar 10, 2013
IE (EP 630,547) - Exp. Mar 10, 2013
IT (EP 630,547) - Exp. Mar 10, 2013
JP 2,955,363 - Exp. Mar 10, 2013
LI (EP 630,547) - Exp. Mar 10, 2013
LU (EP 630,547) - Exp. Mar 10, 2013
MC (EP 630,547) - Exp. Mar 10, 2013
NL (EP 630,547) - Exp. Mar 10, 2013
PT (EP 630,547) - Exp. Mar 10, 2013
SE (EP 630,547) - Exp. Mar 10, 2013
US 5,579,413 - Exp. Nov 25, 2013

Toshiba Corporation

AU 758372 - Exp. Mar 6, 2020
BR PI9708223-6 - Exp. Jul 27, 2020
BR PI9715336-2 - Exp. Mar 9, 2021
CA 2,249,540 - Exp. Mar 18, 2017
CA 2,367,055 - Exp. Mar 6, 2020
CN 00806138.6 - Exp. Mar 6, 2020
CN 97193909.8 - Exp. Mar 18, 2017
CN 200410098328.8 - Exp. Mar 18, 2017
CN 200610088687.4 - Exp. Mar 17, 2017
CN 200610093890.0 - Exp. Mar 17, 2017
CN 200610093891.5 - Exp. Mar 17, 2017
CN 200610093894.9 - Exp. Mar 17, 2017
DE (EP 0 731 614) - Exp. Mar 8, 2016
DE (EP 0 732 855) - Exp. Mar 15, 2016
DE (EP 1,267,582) - Exp. Mar 15, 2016
FR (EP 0 731 614) - Exp. Mar 8, 2016
FR (EP 0 732 855) - Exp. Mar 15, 2016
FR (EP 1,267,582) - Exp. Mar 15, 2016
GB (EP 0 731 614) - Exp. Mar 8, 2016
GB (EP 0 732 855) - Exp. Mar 15, 2016
GB (EP 1,267,582) - Exp. Mar 15, 2016
JP 3,011,680 - Exp. Sep 5, 2017
JP 3,030,028 - Exp. Sep 5, 2017
JP 3,164,806 - Exp. Oct 6, 2015
JP 3,217,771 - Exp. Sep 5, 2017
JP 3,233,360 - Exp. Oct 6, 2015
JP 3,275,003 - Exp. Sep 5, 2017
JP 3,415,319 - Exp. Mar 10, 2015

JP 3,415,548 - Exp. Mar 10, 2015
JP 3,417,933 - Exp. Oct 6, 2015
JP 3,417,934 - Exp. Oct 6, 2015
JP 3,431,368 - Exp. Oct 6, 2015
JP 3,474,859 - Exp. Mar 10, 2015
JP 3,474,861 - Exp. Mar 10, 2015
JP 3,474,862 - Exp. Mar 10, 2015
JP 3,579,409 - Exp. Oct 6, 2015
JP 3,579,412 - Exp. Oct 6, 2015
JP 3,597,843 - Exp. Sep 13, 2016
JP 3,597,846 - Exp. Sep 13, 2016
JP 3,597,847 - Exp. Sep 13, 2016
JP 3,597,848 - Exp. Sep 13, 2016
JP 3,597,849 - Exp. Sep 13, 2016
JP 3,597,850 - Exp. Sep 13, 2016
JP 3,597,851 - Exp. Sep 13, 2016
JP 3,597,852 - Exp. Sep 13, 2016
JP 3,609,813 - Exp. Oct 6, 2015
JP 3,612,314 - Exp. Oct 6, 2015
JP 3,612,315 - Exp. Oct 6, 2015
JP 3,631,488 - Exp. Sep 13, 2016
JP 3,657,954 - Exp. Sep 13, 2016
JP 3,657,955 - Exp. Sep 13, 2016
JP 3,657,956 - Exp. Sep 13, 2016
JP 3,657,965 - Exp. Sep 13, 2016
JP 3,657,967 - Exp. Sep 13, 2016
JP 3,657,969 - Exp. Sep 13, 2016
JP 3,657,970 - Exp. Sep 13, 2016
JP 3,657,978 - Exp. Sep 13, 2016
JP 3,748,215 - Exp. Oct 6, 2015
JP 3,766,426 - Exp. Oct 6, 2015
JP 3,819,638 - Exp. Sep 5, 2017
JP 3,822,630 - Exp. Oct 6, 2015
JP 3,866,687 - Exp. Oct 6, 2015
JP 4,189,429 - Exp. Jul 14, 2017
JP 4,199,240 - Exp. Sep 5, 2017
KR 685,771 - Exp. Mar 18, 2017
KR 685,772 - Exp. Mar 18, 2017
KR 773,304 - Exp. Mar 18, 2017
KR, 877,949 - Exp. Mar 18, 2017
MX 252,913 - Exp. Mar 18, 2017
MX 280,222 - Exp. Mar 18, 2017
US 5,852,469 - Exp. Mar 14, 2016
US 5,883,678 - Exp. Sep 29, 2016
US 5,930,395 - Exp. Oct 24, 2016
US 6,025,881 - Exp. Mar 7, 2016
US 6,052,150 - Exp. Mar 7, 2016
US 6,104,754 - Exp. Mar 14, 2016
US 6,128,342 - Exp. Mar 7, 2016

US 6,256,064 - Exp. Mar 14, 2016
US 6,334,000 - Exp. Oct 24, 2016
US 6,353,681 - Exp. Oct 24, 2016
US 6,408,098 - Exp. Oct 24, 2016
US 6,571,361 - Exp. Sep 26, 2016
US 6,621,931 - Exp. Oct 24, 2016
US 6,701,018 - Exp. Oct 24, 2016
US 6,704,494 - Exp. Mar 14, 2016
US 6,952,432 - Exp. Sep 1, 2017
US 7,027,517 - Exp. Mar 5, 2020
US 7,321,995 - Exp. Oct 17, 2017
US 7,376,187 - Exp. Mar 14, 2016
US 7,388,914 - Exp. Mar 14, 2016
US 7,454,669 - Exp. Sep 26, 2016
US 7,464,305 - Exp. Sep 29, 2016
US 7,472,316 - Exp. Sep 26, 2016
US 7,472,317 - Exp. Dec 18, 2016
US 7,475,298 - Exp. Jul 12, 2017
US 7,669,108 - Exp. Sep 26, 2016

ZTE Corporation

AU 757922 - Exp. May 29, 2018
AU 2003244627 - Exp. May 15, 2018
CN 98102287.1 - Exp. Jun 19, 2018
CN 98102368.1 - Exp. Jun 8, 2018
JP 3,935,613 - Exp. Jul 3, 2018
JP 4,357,506 - Exp. Sep 2, 2016
KR 124,164 - Exp. Apr 30, 2014
KR 196,867 - Exp. Nov 29, 2015
MX 256544 - Exp. May 15, 2018
US Re. 41,383 - Exp. Jun 1, 2018



July 1, 2025

MPEG-4 Visual Addendum of Patents of Terminated Licensors

Addendum of Patents of Terminated Licensors

The following listed patents were contributed to the MPEG-4 Visual 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 MPEG-4 Visual 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.

Expired PatentsSamsung Electronics Co., Ltd.
(terminated January 1, 2019)

CN 108368.6 - Exp. Dec 16, 2014
CN 3107665.3 - Exp. Nov 30, 2018
CN 3107666.1 - Exp. Nov 30, 2018
CN 3107667.X - Exp. Nov 30, 2018
CN 94191195.0 - Exp. Dec 16, 2014
CN 97123467.1 - Exp. Dec 29, 2017
CN 98122956.5 - Exp. Nov 30, 2018
CN 200410078616.7 - Exp. Dec 16, 2014
CN 200410078617.1 - Exp. Dec 16, 2014
CN 200410078618.6 - Exp. Dec 16, 2014
CN 200410078619.0 - Exp. Dec 16, 2014
DE (EP 0580454) - Exp. Jul 23, 2013
DE (EP 884,693) - Exp. Dec 23, 2017
DE (EP 0890921) - Exp. Dec 23, 2017
DE (EP 987,900) - Exp. Dec 16, 2014
DE (EP 1,441,536) - Exp. Dec 16, 2014
DE (EP 1,445,962) - Exp. Dec 16, 2014
EG 21414 - Exp. Nov 27, 2017
EG 21497 - Exp. Nov 27, 2017
FR (EP 0580454) - Exp. Jul 23, 2013
FR (EP 884,693) - Exp. Dec 23, 2017
FR (EP 0890921) - Exp. Dec 23, 2017
FR (EP 987,900) - Exp. Dec 16, 2014
FR (EP 1,441,536) - Exp. Dec 16, 2014
FR (EP 1,445,962) - Exp. Dec 16, 2014
GB (EP 0580454) - Exp. Jul 23, 2013
GB (EP 884,693) - Exp. Dec 23, 2017
GB (EP 0890921) - Exp. Dec 23, 2017
GB (EP 987,900) - Exp. Dec 16, 2014
GB (EP 1,441,536) - Exp. Dec 16, 2014
GB (EP 1,445,962) - Exp. Dec 16, 2014
HK 1033507 - Exp. Dec 16, 2014
HK 1056286 - Exp. Nov 30, 2018
HK 1056287 - Exp. Nov 30, 2018
HK 1059699 - Exp. Nov 30, 2018
HK 1070516 - Exp. Dec 16, 2014
HK 1073196 - Exp. Dec 16, 2014
HK 1073197 - Exp. Dec 16, 2014
HK 1073198 - Exp. Dec 16, 2014
ID 0008897 - Exp. Dec 23, 2017
ID 0009730 - Exp. Dec 24, 2017
ID 0010181 - Exp. Dec 23, 2017
IL 122671 - Exp. Dec 18, 2017
IL 122771 - Exp. Dec 25, 2017
IN 193065 - Exp. Dec 30, 2017
JP 2,665,127 - Exp. Jun 18, 2013
JP 3,369,422 - Exp. Jun 22, 2013
JP 3,442,028 - Exp. Jun 22, 2013
JP 3,466,080 - Exp. Feb 27, 2018
JP 3,669,833 - Exp. Feb 26, 2018
JP 3,669,834 - Exp. Feb 26, 2018
KR 83730 - Exp. Dec 21, 2011
KR 132,895 - Exp. Jul 24, 2012
KR 147,549 - Exp. Feb 28, 2012
KR 155,784 - Exp. Dec 15, 2014
KR 157,463 - Exp. Aug 10, 2013
KR 166,715 - Exp. May 18, 2012
KR 252,010 - Exp. Oct 24, 2017
KR 269,205 - Exp. Oct 4, 2017
KR 313,870 - Exp. Dec 1, 2018
KR 314,098 - Exp. May 29, 2017
KR 338,801 - Exp. Nov 19, 2017
KR 359,093 - Exp. Dec 1, 2018
KR 375,345 - Exp. Dec 1, 2018
MY 116137 - Exp. Nov 28, 2018
MY 117081 - Exp. Apr 30, 2019
NL (EP 884,693) - Exp. Dec 23, 2017
NL (EP 0890921) - Exp. Dec 23, 2017
RU 2221274 - Exp. Dec 30, 2017
RU 2221275 - Exp. Dec 30, 2017
US Re. 37,755 - Exp. Nov 25, 2017
US Re. 37,792 - Exp. Nov 25, 2017
US Re. 39,167 - Exp. Aug 10, 2015
US Re. 39,237 - Exp. Nov 25, 2017
US Re. 40,782 - Exp. Aug 10, 2015
US Re. 40,980 - Exp. Aug 10, 2015
US Re. 41,154 - Exp. Aug 10, 2015
US Re. 41,435 - Exp. Aug 10, 2015
US Re. 41,458 - Exp. Aug 10, 2015
US 5,467,086 - Exp. Jun 17, 2013
US 5,654,706 - Exp. Jul 22, 2013
US 6,002,812 - Exp. Nov 25, 2017
US 6,011,496 - Exp. Nov 25, 2017
US 6,016,111 - Exp. Nov 25, 2017
US 6,680,975 - Exp. Feb 28, 2013
US 7,292,657 - Exp. Feb 28, 2013