



July 1, 2022

MPEG-2 Systems Attachment 1

Page 1 of 4

General Video, LLC

MY 141626-A
MY-163465-A

Expired Patents**Alcatel Lucent**

DE 68924764 - Exp. Dec 1, 2009
DE 69011422 - Exp. May 28, 2010
FR 0374548 - Exp. Dec 1, 2009
FR 0401638 - Exp. May 28, 2010
GB 0374548 - Exp. Dec 1, 2009
GB 0401638 - Exp. May 28, 2010
IT 1228109 - Exp. Dec 21, 2008
IT 1,230,235 - Exp. Jun 6, 2009
JP 3,011,338 - Exp. Dec 21, 2009
SE 0374548 - Exp. Dec 1, 2009
SE 0401638 - Exp. May 28, 2010
US 4,970,590 - Exp. Dec 20, 2009

Cisco Technology, Inc.

AU 680680 - Exp. Jul 11, 2014
AU 683134 - Exp. Jan 3, 2015
AU 687844 - Exp. Jul 11, 2014
CA 2,180,342 - Exp. Jul 11, 2014
CA 2,180,363 - Exp. Jan 3, 2015
CA 2,186,368 - Exp. Jul 11, 2014
JP 2,937,301 - Exp. Jul 11, 2014
JP 2,940,638 - Exp. Jan 3, 2015
JP 2,940,639 - Exp. Jul 11, 2014
MX 190,776 - Exp. Jan 2, 2015
US 5,418,782 - Exp. Oct 29, 2012
US 5,420,866 - Exp. Mar 28, 2014
US 5,457,701 - Exp. Jan 5, 2014

GE Technology Development, Inc.

CN 1,060,003 - Exp. May 12, 2014
CN 01117193.6¹ - Exp. May 12, 2014
CN 94112956.X - Exp. Nov 29, 2014
DE P69331606.3-08 - Exp. Nov 30, 2013
DE 69421444 - Exp. May 4, 2014
ES 732 028 - Exp. Nov 30, 2013
ES 2,140,477 - Exp. May 4, 2014
FR 0624983 - Exp. May 4, 2014
FR 732 028 - Exp. Nov 30, 2013
GB 0624983 - Exp. May 4, 2014
GB 732 028 - Exp. Nov 30, 2013
HK 1,044,090¹ - Exp. May 12, 2014

IT 0624983 - Exp. May 4, 2014
IT 732 028 - Exp. Nov 30, 2013
MX 188411 - Exp. May 11, 2014
MX 201309 - Exp. Nov 23, 2014
MY 112121 - Exp. Apr 30, 2016
PT 732 028 - Exp. Nov 30, 2013
RU 2,115,261 - Exp. May 12, 2014
SG 82528 - Exp. May 3, 2014
SG 94359¹ - Exp. May 3, 2014
SG 118194¹ - Exp. May 3, 2014
TH 18963 - Exp. Aug 30, 2014
TH 20936 - Exp. Feb 7, 2014
TR 28291 - Exp. May 9, 2014
TW NI-070615 - Exp. Aug 30, 2014
TW NI-092150 - Exp. Feb 17, 2014
US 5,486,864 - Exp. May 12, 2013
US 5,796,743 - Exp. Aug 17, 2015

General Video, LLC

JP 3,657,017 - Exp. May 16, 2014
JP 3,657,200¹ - Exp. May 16, 2014
JP 3,811,183 - Exp. Nov 30, 2013
JP 4,317,925 - Exp. Nov 30, 2013
KR 283710 - Exp. Nov 30, 2013
KR 291492 - Exp. May 11, 2014
MY 118172-A - Exp. Sep 30, 2019
MY 128994¹ - Exp. Mar 30, 2022

Hewlett Packard Enterprise Company

US 5,867,501 - Exp. Feb 1, 2016

Hitachi, Ltd.

JP 2,907,072 - Exp. Feb 5, 2008

JVCKENWOOD Corporation

JP 2,722,933 - Exp. Mar 11, 2012

Koninklijke Philips N.V.

AT 157830-B - Exp. Jun 3, 2011
BE 0460751-B - Exp. Jun 3, 2011
CA 2,114,182 - Exp. Jan 25, 2014
DE 69127504-B - Exp. Jun 3, 2011
DE 69415698 - Exp. Jan 25, 2014

DE 69531223.5 - Exp. Feb 23, 2015
DK 0460751-B - Exp. Jun 3, 2011
FR 0460751-B - Exp. Jun 3, 2011
FR 0609936 - Exp. Jan 25, 2014
FR 0700610 - Exp. Feb 23, 2015
GB 0460751-B - Exp. Jun 3, 2011
GB 0609936 - Exp. Jan 25, 2014
GB 0700610 - Exp. Feb 23, 2015
IT 0460751-B - Exp. Jun 3, 2011
JP 3,162,110 - Exp. Jun 4, 2011
JP 3,280,999 - Exp. Jun 4, 2011
JP 3,464,264 - Exp. Feb 1, 2014
JP 3,762,430 - Exp. Feb 23, 2015
KR 239837 - Exp. Jun 4, 2011
KR 290326 - Exp. Jan 31, 2014
KR 378,718 - Exp. Feb 23, 2015
MX 185421 - Exp. Jan 30, 2014
NL 0460751-B - Exp. Jun 3, 2011
SE 0460751-B - Exp. Jun 3, 2011
US 5,333,135 - Exp. Jan 31, 2013
US 5,606,539 - Exp. Feb 24, 2014
US 5,608,697 - Exp. Jun 4, 2011
US 5,844,867 - Exp. Jun 4, 2011
US 6,181,712 - Exp. Oct 11, 2015
US 6,792,001 - Exp. Oct 11, 2015

Mitsubishi Electric Corporation

CA 2,061,128 - Exp. Feb 12, 2012
DE 69232184.5 - Exp. Feb 26, 2012
FR 0508925 - Exp. Feb 26, 2012
GB 0508925 - Exp. Feb 26, 2012
IT MI2001B025860 - Exp. Feb 26, 2012
JP 2,037,728 - Exp. Jan 13, 2012
JP 2,814,819 - Exp. Feb 19, 2012
JP 3,019,826 - Exp. Feb 19, 2012
JP 3,019,827 - Exp. Feb 19, 2012
US 5,268,846 - Exp. Apr 9, 2011

Sony Group Corporation

GB 2289194 - Exp. Aug 11, 2012
GB 2289195 - Exp. Aug 11, 2012
JP 3,009,073 - Exp. Aug 19, 2011
SG 97743 - Exp. Aug 11, 2012
US 5,291,486 - Exp. Aug 6, 2012

Thomson Licensing

BR PI 9401963-0 - Exp. May 12, 2014	JP 3,507,766 - Exp. May 20, 2013	JP 5,441,140 - Exp. Mar 15, 2015
BR PI 9501751-8 - Exp. Apr 19, 2015	JP 3,561,326 - Exp. Apr 24, 2015	JP 5,574,462 - Exp. Mar 15, 2015
CA 2,136,616 - Exp. May 20, 2013	JP 3,572,067 - Exp. May 20, 2013	JP 5,574,463 - Exp. Mar 15, 2015
CA 2,145,904 - Exp. Mar 30, 2015	JP 3,645,286 - Exp. May 6, 2014	KR 284396 - Exp. May 20, 2013
CA 2306971 - Exp. May 20, 2013	JP 4,122,370 - Exp. Mar 15, 2015	KR 289559 - Exp. May 20, 2013
CA 2,387,154 - Exp. Mar 15, 2015	JP 4,201,743 - Exp. May 6, 2014	KR 327684 - Exp. Nov 30, 2013
CA 2,387,254 - Exp. May 20, 2013	JP 4,208,089 - Exp. May 6, 2014	KR 330267 - Exp. Apr 19, 2015
CN 1051429C - Exp. Jun 18, 2013	JP 4,316,008 - Exp. Mar 15, 2015	KR 338222 - Exp. May 11, 2014
CN 1055594 - Exp. Jun 18, 2013	JP 4,357,594 - Exp. Nov 30, 2013	KR 357506 - Exp. Apr 19, 2015
CN 1087559C - Exp. May 12, 2014	JP 4,358,691 - Exp. May 6, 2014	KR 400800 - Exp. Mar 15, 2015
CN 1099808C - Exp. Nov 29, 2014	JP 4,379,824 - Exp. May 6, 2014	MX 181083 - Exp. Jun 17, 2013
CN 1,106,745 - Exp. Apr 21, 2015	JP 4,379,826 - Exp. May 6, 2014	MX 186399 - Exp. Apr 21, 2015
CN 1196331 - Exp. Nov 29, 2014	JP 4,404,271 - Exp. Mar 15, 2015	MX 188237 - Exp. May 11, 2014
CN 1,222,168 - Exp. Apr 21, 2015	JP 4,420,298 - Exp. Mar 15, 2015	MX 198312 - Exp. May 11, 2014
CN 1236620C - Exp. May 12, 2014	JP 4,458,438 - Exp. Mar 15, 2015	MY 111265-A - Exp. Oct 29, 2014
CN 1253007C - Exp. May 12, 2014	JP 4,475,475 - Exp. Mar 15, 2015	MY 112768-A - Exp. Aug 29, 2016
CN 100377594 - Exp. Mar 15, 2015	JP 4,475,476 - Exp. Mar 15, 2015	MY 118734-A - Exp. Jan 31, 2020
CN 100488255 - Exp. May 12, 2014	JP 4,492,972 - Exp. May 6, 2014	PH 1-1995-50216 - Exp. Feb 13, 2020
CN 100493168 - Exp. Apr 21, 2015	JP 4,535,344 - Exp. Mar 15, 2015	PT 0844792 - Exp. May 20, 2013
CN 100515091 - Exp. May 12, 2014	JP 4,553,273 - Exp. May 6, 2014	PT 1,263,234 - Exp. May 20, 2013
DE 69332916 - Exp. May 20, 2013	JP 4,582,670 - Exp. Mar 15, 2015	RU 2,117,411 - Exp. May 12, 2014
DE 69333982 - Exp. May 20, 2013	JP 4,648,489 - Exp. Nov 30, 2013	RU 2,154,353 - Exp. Apr 21, 2015
DE 69426711 - Exp. May 4, 2014	JP 4,688,235 - Exp. May 6, 2014	RU 2,198,469 - Exp. May 12, 2014
DE 69516752 - Exp. Apr 12, 2015	JP 4,688,236 - Exp. May 6, 2014	SG 30349 - Exp. Apr 18, 2015
ES 0844792 - Exp. May 20, 2013	JP 4,748,623 - Exp. Mar 15, 2015	SG 73957 - Exp. May 4, 2014
ES 1,263,234 - Exp. May 20, 2013	JP 4,753,324 - Exp. May 6, 2014	SG 93764 - Exp. May 19, 2013
ES 2145173 T3 - Exp. Apr 12, 2015	JP 4,753,325 - Exp. May 6, 2014	SG 117390 - Exp. May 3, 2014
ES 2154275 - Exp. May 4, 2014	JP 4,754,648 - Exp. Nov 30, 2013	SG 133401 - Exp. May 20, 2013
FI 112147 - Exp. May 20, 2013	JP 4,808,812 - Exp. Nov 30, 2013	SG 134972 - Exp. May 20, 2013
FI 117266 - Exp. May 20, 2013	JP 4,845,156 - Exp. May 6, 2014	SG 142168 - Exp. May 3, 2014
FI 117844 - Exp. May 20, 2013	JP 4,863,326 - Exp. Nov 30, 2013	SG 178,633 - Exp. May 3, 2014
FR 0624982 - Exp. May 4, 2014	JP 4,863,328 - Exp. Mar 15, 2015	SG 178,634 - Exp. May 3, 2014
FR 0679030 - Exp. Apr 12, 2015	JP 4,953,262 - Exp. Mar 15, 2015	TH 17310 - Exp. Apr 17, 2014
FR 0844792 - Exp. May 20, 2013	JP 4,979,039 - Exp. May 6, 2014	TH 39,145 - Exp. Apr 24, 2014
FR 1,263,234 - Exp. May 20, 2013	JP 5,051,554 - Exp. May 6, 2014	TH 39,146 - Exp. Apr 24, 2014
GB 0624982 - Exp. May 4, 2014	JP 5,110,721 - Exp. Nov 30, 2013	TH 39,147 - Exp. Apr 24, 2014
GB 0679030 - Exp. Apr 12, 2015	JP 5,119,522 - Exp. Nov 30, 2013	TH 39,148 - Exp. Apr 24, 2014
GB 0844792 - Exp. May 20, 2013	JP 5,131,867 - Exp. Mar 15, 2015	TR 28866 - Exp. Apr 20, 2015
GB 1,263,234 - Exp. May 20, 2013	JP 5,131,874 - Exp. Mar 15, 2015	TR 29198 - Exp. May 9, 2014
HK 1059522 - Exp. Mar 15, 2015	JP 5,182,966 - Exp. Mar 15, 2015	TW NI-68881 - Exp. Apr 24, 2014
HK 1063403 - Exp. May 12, 2014	JP 5,182,967 - Exp. Mar 15, 2015	TW NI-070435 - Exp. Aug 30, 2014
HK 1063404 - Exp. May 12, 2014	JP 5,182,969 - Exp. Mar 15, 2015	TW NI-083282 - Exp. Feb 17, 2014
IT 49759 BE 2000 - Exp. Apr 12, 2015	JP 5,264,003 - Exp. Nov 30, 2013	US 5,289,276 - Exp. Jun 18, 2012
IT 0624982 - Exp. May 4, 2014	JP 5,331,140 - Exp. Mar 15, 2015	US 5,365,272 - Exp. Jun 18, 2012
IT 0844792 - Exp. May 20, 2013	JP 5,366,334 - Exp. May 6, 2014	US 5,381,181 - Exp. May 12, 2013
IT 1,263,234 - Exp. May 20, 2013	JP 5,366,342 - Exp. May 6, 2014	US 5,459,789 - Exp. Apr 21, 2014
JP 3,267,620 - Exp. May 20, 2013	JP 5,441,134 - Exp. Mar 15, 2015	US 5,483,287 - Exp. Jun 18, 2012
	JP 5,441,138 - Exp. Mar 15, 2015	US 5,565,923 - Exp. May 12, 2013
	JP 5,441,139 - Exp. Mar 15, 2015	US 5,784,110 - Exp. Jul 20, 2015



July 1, 2022

MPEG-2 Systems Attachment 1

Page 4 of 4

US 7,334,248 - Exp. Feb 13, 2018

VN 600 - Exp. Apr 7, 2015

¹This patent is a counterpart of US Patent No. 5,565,923 owned by, and separately listed under, Thomson Licensing.

Addendum of Patents of Terminated Licensors

Each patent listed below was contributed to the MPEG-2 Systems Patent Portfolio Licensing Program by an entity that has terminated as a licensor from the MPEG-2 Systems Patent Portfolio Licensing Program. For as long as they continue to be a Licensee, those Licensees with an MPEG-2 Systems Patent Portfolio License in effect prior to the date of termination retain their license under the respective patent and all MPEG-2 Systems Essential Patents that the Licensor and its Affiliates presently or in the future has the right to license or sublicense after the indicated termination date.

Samsung Electronics Co., Ltd. (terminated April 17, 2013)

KR 100,718