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AU 2003256494
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CN 200810082232.0
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Cisco Systems Canada Co.

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Cisco Technology, Inc.

US 7,684,489

Dolby International AB

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ZA 2005/09231
ZA 2009/06749
ZA 2010/06649

Dolby Laboratories Licensing Corporation

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Electronics and Telecommunications Research Institute

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Electronics and Telecommunications Research Institute and Korea Advanced Institute of Science and Technology (KAIST)

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Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.

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HP Inc.

US 6,741,746 - Expires March 16, 2019

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Koninklijke Philips N.V.

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Korea Advanced Institute of Science and Technology (KAIST) and Samsung Electronics Co., Ltd.

SG 70679 - Expires April 14, 2019

LG Electronics Inc.

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Maxell, Ltd.

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Microsoft Corporation

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US 6,912,584 - Expires March 11, 2019

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Mitsubishi Electric Corporation

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NEC Corporation

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Nippon Telegraph and Telephone Corporation

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US 6,934,331 - Expires February 2, 2019

NTT DOCOMO, INC.

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Panasonic Corporation

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ID 100020475
IL 160476
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JP 4,881,543
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SG 102893
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AT 324012
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Tagivan II LLC

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FR 1,499,133
FR 1,773,067
FR 2,216,995
FR 2,216,996
FR 2,216,997
GB 1,499,133
GB 1,773,067
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GB 2,216,997
ID 20546
IN 249851
IT 20878/BE/2013
IT 21124/BE/2013
IT 1,499,133
IT 1,773,067
IT 2,216,995
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JP 4,456,087
JP 5,167,232
JP 5,167,233
KR 947,689
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KR 947,691
KR 947,692
LI 2,216,995
MX 239456
MX 264923
MY 136,457
NL 1,499,133
NL 1,773,067
NL 2,216,995
NL 2,216,996
NL 2,216,997
SE 2,216,995
TR 1,499,133
TR 201302269
TW 281353
TW 323614
US 7,394,853
US 8,155,200
US 8,155,201
US 8,160,147
US 8,179,968

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US 9,020,034
US 9,020,035
US 9,020,036
US 9,020,037
US 9,031,132
US 9,118,930

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AT 1,449,383
AU 2002353749
BE 1,449,383
BG 1,449,383
CH 1,449,383
CN 02823496.0
CY 1,449,383
CZ 1,449,383
DE 10296787.3
DE 60236886
DK 1,449,383
EE 1,449,383
ES 1,449,383
FI 1,449,383
FR 1,449,383
GB 1,449,383
GB 2,392,042
GR 1,449,383
IE 1,449,383
IN 218194
IN 231,901
IT 1,449,383
JP 4,133,346
JP 4,440,640
LI 1,449,383
LU 1,449,383
MC 1,449,383
NL 1,449,383
PT 1,449,383
RU 2,307,478
SE 1,449,383
SK 1,449,383
TR 1,449,383
US 6,907,071

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AT-E 479,285
BE 1,414,245
BE 1,798,988

BR PI0304533-1
BR PI0307635-0
BR PI9708223-6
BR PI9715336-2
CA 2,473,771
CA 2,646,562
CH 1,414,245
CH 1,798,988
CN 200910145809.2
CN 200910145811.X
DE 60333892
DE 60334861
ES 2,351,306
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FI 1,414,245
FI 1,798,988
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JP 4,560,138
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JP 4,560,140
LI 1,414,245
LI 1,798,988
MX 256,545
MX 282,317
NL 1,414,245
NL 1,798,988
NO 337383
NO 339262
NO 341,757
NO 341,761
SE 1,414,245
SE 1,798,988
US 7,599,437
US 7,616,691
US 7,649,941
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US 7,672,375
US 7,675,973
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US 7,680,184
US 7,684,485
US 7,702,018
US 7,738,557
US 7,864,853
US 7,885,332
US 7,885,333
US 7,903,740
US 7,944,972
US 7,944,973
US 7,949,048
US 9,066,081
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AU 2012-201235
AU 2012-202123
AU 2006 321552
AU 2007309044
AU 2011205017
AU 2012 216587
AU 2012 226283
BE 2,005,607
CA 2,633,819
CA 2,666,601
CA 2,763,089
CA 2,829,290
CN 101371312
CN 105049894
CN 200780011497.5
CN 201280012331.6
CZ 2,005,607
DE 60 2007 047 834.0
ES 2,005,607
FR 2,005,607
GB 2,005,607
IT 2,005,607
JP 5,351,761
JP 5,640,104
JP 5,697,332
JP 5,769,740
JP 6,026,443
NL 2,005,607
PL 2,005,607
SE 2,005,607
TR 2,005,607
US Re. 44,939
US 7,643,560
US 8,594,202
US 8,761,263
US 8,861,613
US 9,077,964
US 9,179,160
US 9,743,099
US 10,027,970

CableTelevision Laboratories, Inc.

US 6,510,554 - Expired April 26, 2018

Dolby International AB

JP 2,951,861 - Expired March 10, 2009

JP 3,078,692 - Expired November 8, 2013

JP 3,277,116 - Expired March 18, 2016

JP 3,654,664 - Expired August 23, 2014

JP 3,702,178 - Expired October 12, 2015

JP 4,245,587 - Expired August 23, 2014

JP 4,427,553 - Expired March 18, 2016

Dolby Laboratories Licensing Corporation

US Re. 43,360 - Expired May 22, 2018

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US 5,987,181 - Expired October 7, 2016

US 6,681,050 - Expired October 7, 2016

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US 7,194,136 - Expired October 7, 2016

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CH 2,123,052 - Expired October 31, 2017

CY 2,123,052 - Expired October 17, 2017

DK 2,123,052 - Expired October 18, 2017

FI 2,123,052 - Expired October 31, 2017

IE 2,123,052 - Expired October 31, 2017

IS 2,123,052 - Expired October 31, 2017

LI 2,123,052 - Expired October 31, 2017

LT 2,123,052 - Expired October 18, 2017

LU 2,123,052 - Expired October 31, 2017

LV 2,123,052 - Expired October 31, 2017

MC 2,123,052 - Expired November 2, 2017

MT 2,123,052 - Expired October 18, 2017

RO 2,123,052 - Expired October 18, 2017

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US 5,235,618 - Expired November 5, 2010

Godo Kaisha JP Bridge1

CN 97191584.9 - Expired November 6, 2017
CN 200410063261.4 - Expired November 6, 2017
CN 200610099763.1 - Expired November 6, 2017
DE 69740464 - Expired November 6, 2017
DE 69,740,474 - Expired November 6, 2017
FR 2,257,070 - Expired November 6, 2017
FR 2,257,071 - Expired November 6, 2017
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GB 2,257,071 - Expired November 6, 2017
JP 3,208,101 - Expired November 5, 2017
JP 3,222,876 - Expired November 5, 2017
JP 3,527,454 - Expired November 5, 2017
JP 3,735,244 - Expired October 29, 2017
KR 354,799 - Expired November 6, 2017
KR 425,613 - Expired November 6, 2017
SG 54,716 - Expired November 5, 2017
US 6,608,939 - Expired November 5, 2017
US 6,658,152 - Expired November 5, 2017
US 6,681,048 - Expired November 5, 2017

Google LLC

CA 2,230,562 - Expired February 25, 2018
MX 205,438 - Expired March 6, 2018
US Re. 38,563 - Expired October 5, 2017

JVC KENWOOD Corporation

JP 2,962,012 - Expired November 8, 2011
JP 3,060,376 - Expired August 30, 2011
US Re. 34,965 - Expired January 17, 2010
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US 5,103,307 - Expired January 17, 2011

Koninklijke Philips N.V.

AT 157,830 - Expired June 3, 2011
AU 641,726 - Expired February 20, 2011
BE 0460751 - Expired June 3, 2011
CA 2,018,031 - Expired June 1, 2010
CA 2,036,585 - Expired February 19, 2011
CA 2,043,670 - Expired May 31, 2011
CA 2,304,917 - Expired June 1, 2010
DE 69109346.6 - Expired February 18, 2011
DE 69127504 - Expired June 3, 2011
DK 0443676 - Expired February 18, 2011
DK 0460751 - Expired June 3, 2011
FI 101,442 - Expired February 19, 2011

FR 0443676 - Expired February 18, 2011
FR 0460751 - Expired June 3, 2011
GB 0443676 - Expired February 18, 2011
GB 0460751 - Expired June 3, 2011
HK 96-615 - Expired February 18, 2011
IT 52497 BE/97 - Expired June 3, 2011
IT 0443676 - Expired February 18, 2011
JP 2,791,822 - Expired June 2, 2010
JP 3,162,110 - Expired June 4, 2011
JP 3,174,586 - Expired February 20, 2011
JP 3,280,999 - Expired June 4, 2011
KR 114,697 - Expired January 8, 2012
KR 239,837 - Expired June 4, 2011
NL 0443676 - Expired February 18, 2011
NL 0460751 - Expired June 3, 2011
SE 0443676 - Expired February 18, 2011
SE 0460751 - Expired June 3, 2011
SG 9690467.7 - Expired February 18, 2011
US 4,849,812 - Expired February 23, 2008
US 5,021,879 - Expired June 3, 2008
US 5,128,758 - Expired July 6, 2009
US 5,179,442 - Expired January 11, 2010
US 5,606,539 - Expired February 24, 2014
US 5,608,697 - Expired June 4, 2011
US 5,699,476 - Expired October 18, 2010
US 5,740,310 - Expired April 13, 2015
US 5,844,867 - Expired June 4, 2011

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AU 717,480 - Expired January 20, 2019
KR 301,013 - Expired August 1, 2018
RU 2,154,918 - Expired January 20, 2019

LG Electronics Inc.

KR 237,636 - Expired November 2, 2015
KR 251,549 - Expired February 28, 2017
KR 617,598 - Expired December 30, 2017
KR 757,829 - Expired December 30, 2017
KR 757,830 - Expired December 30, 2017
KR 757,831 - Expired December 30, 2017
KR 757,832 - Expired December 30, 2017
US 6,912,351 - Expired October 18, 2018
US 7,262,886 - Expired January 21, 2018
US 7,277,593 - Expired January 21, 2018
US 7,289,682 - Expired January 21, 2018
US 7,359,569 - Expired January 21, 2018
US 7,391,921 - Expired January 21, 2018
US 7,391,922 - Expired January 21, 2018
US 7,394,945 - Expired January 21, 2018

US 7,397,965 - Expired January 21, 2018
US 7,403,663 - Expired October 18, 2018
US 7,403,667 - Expired January 21, 2018
US 7,424,159 - Expired October 18, 2018
US 7,433,525 - Expired October 18, 2018
US 7,437,015 - Expired May 23, 2018
US 7,440,627 - Expired October 18, 2018
US 7,447,367 - Expired October 18, 2018
US 7,463,776 - Expired October 18, 2018
US 7,463,786 - Expired January 21, 2018
US 7,486,832 - Expired October 18, 2018
US 7,492,959 - Expired January 21, 2018
US 7,492,960 - Expired January 21, 2018
US 7,492,961 - Expired January 21, 2018
US 7,496,239 - Expired January 21, 2018
US 7,499,598 - Expired January 21, 2018
US 7,577,303 - Expired October 18, 2018
US 7,577,304 - Expired October 18, 2018
US 7,580,583 - Expired October 18, 2018
US 7,587,090 - Expired October 18, 2018
US 7,599,571 - Expired January 21, 2018
US 7,616,831 - Expired January 21, 2018
US 7,616,832 - Expired January 21, 2018
US 7,616,833 - Expired January 21, 2018
US 7,620,262 - Expired January 21, 2018

Maxell, Ltd.

JP 3,191,935 - Expired November 30, 2010
JP 3,303,869 - Expired November 30, 2010

Microsoft Corporation

US 6,563,953 - Expired November 29, 2018
US 6,735,345 - Expired January 12, 2019
US 7,162,091 - Expired May 23, 2018
US 7,181,072 - Expired August 6, 2018
US 7,289,673 - Expired November 29, 2018

Mitsubishi Electric Corporation

CA 2,327,489 - Expired October 21, 2012
CN 200610100796.3 - Expired January 21, 2018
CN 200610101834.7 - Expired January 21, 2018
CN 200810086603.2 - Expired March 6, 2018
DE 69843236 - Expired January 22, 2018
DE 698 43 334.3 - Expired October 23, 2018
DE 698 43 337.8 - Expired October 23, 2018
FI 2,187,641 - Expired October 23, 2018
FI 2,306,723 - Expired October 23, 2018
FR 1,887,806 - Expired January 22, 2018

FR 2,187,641 - Expired October 23, 2018
FR 2,306,723 - Expired October 23, 2018
GB 2,187,641 - Expired October 23, 2018
GB 2,306,723 - Expired October 23, 2018
HK 1109001 - Expired January 22, 2018
HK 1,109,278 - Expired January 22, 2018
HK 1125523 - Expired March 6, 2018
HK 1,140,347 - Expired October 22, 2018
HK 1,151,915 - Expired October 22, 2018
JP 1,869,940 - Expired March 8, 2005
JP 3,347,954 - Expired October 22, 2016
JP 4,260,786 - Expired January 22, 2018
JP 4,326,758 - Expired October 22, 2016
JP 4,388,771 - Expired June 23, 2018
JP 4,441,182 - Expired June 28, 2016
JP 4,514,734 - Expired February 25, 2018
JP 4,514,818 - Expired February 25, 2018
JP 4,514,819 - Expired February 25, 2018
JP 4,571,173 - Expired October 22, 2016
JP 4,708,263 - Expired March 6, 2018
JP 4,755,242 - Expired January 22, 2018
JP 4,819,865 - Expired January 22, 2018
JP 4,875,187 - Expired October 22, 2016
JP 4,963,496 - Expired January 22, 2018
JP 4,963,520 - Expired January 22, 2018
JP 4,963,526 - Expired January 22, 2018
JP 5,138,086 - Expired February 25, 2018
JP 5,258,991 - Expired January 22, 2018
KR 254,070 - Expired February 5, 2017
MX 279,337 - Expired March 6, 2018
MX 316,879 - Expired March 6, 2018
NL 2,187,641 - Expired October 23, 2018
NL 2,306,723 - Expired October 23, 2018
NO 310,850 - Expired October 21, 2012
SE 2,187,641 - Expired October 23, 2018
SE 2,306,723 - Expired October 23, 2018
US 5,926,225 - Expired October 31, 2016
US 6,097,759 - Expired October 15, 2012
US 7,970,217 - Expired October 22, 2018
US 8,824,561 - Expired March 5, 2018

NEWRACOM, Inc.

KR 166,264 - Expired October 31, 2015

Nippon Telegraph and Telephone Corporation

JP 2,938,412 - Expired September 2, 2017

Orange SA

DE 3767919 - Expired May 26, 2007
FI 86,241 - Expired May 28, 2007
FR 2,599,577 - Expired May 29, 2006
GB 248,711 - Expired May 26, 2007
IT 248,711 - Expired May 26, 2007
SE 248,711 - Expired May 26, 2007
US 4,796,087 - Expired May 31, 2007

Panasonic Corporation

CH 1,452,039 - Expired November 30, 2009
CN 01118860.X - Expired February 5, 2018
CN 01118861.8 - Expired February 5, 2018
CN 01137469.1 - Expired October 29, 2018
CN 098121454.1 - Expired October 29, 2018
CN 98800434.8 - Expired February 5, 2018
DE 69805036.3 - Expired October 26, 2018
DE 69810971 - Expired October 26, 2018
DE 69812190.2 - Expired October 26, 2018
DE 69813635.7 - Expired February 5, 2018
DE 69822751.4 - Expired September 15, 2018
ES 914,008 - Expired October 26, 2018
ES 1,117,258 - Expired October 26, 2018
ES 2188572 - Expired October 26, 2018
ES 2195965 - Expired February 5, 2018
FR 0909099 - Expired September 15, 2018
FR 914,008 - Expired October 26, 2018
FR 1,113,673 - Expired February 5, 2018
FR 1,117,258 - Expired October 26, 2018
FR 1,117,259 - Expired October 26, 2018
GB 0909099 - Expired September 15, 2018
GB 914,008 - Expired October 26, 2018
GB 1,113,673 - Expired February 5, 2018
GB 1,117,258 - Expired October 26, 2018
GB 1,117,259 - Expired October 26, 2018
ID 10,293 - Expired February 5, 2018
ID 14151 - Expired October 29, 2018
IN 206840 - Expired October 22, 2018
IN 213,894 - Expired February 5, 2018
IT 2004B69800 - Expired September 15, 2018
IT 914,008 - Expired October 26, 2018
IT 1,113,673 - Expired February 5, 2018
IT 1,117,258 - Expired October 26, 2018
IT 1,117,259 - Expired October 26, 2018
JP 2,794,899 - Expired May 8, 2010
JP 3,234,807 - Expired February 3, 2018
JP 3,234,830 - Expired February 3, 2018
KR 303,054 - Expired February 5, 2018
KR 384,918 - Expired October 31, 2018
KR 525,862 - Expired October 31, 2018
KR 530,394 - Expired October 31, 2018

KR 530,395 - Expired October 31, 2018
LI 1,452,039 - Expired November 30, 2009
MX 220,076 - Expired February 5, 2018
MX 233931 - Expired October 29, 2018
SG 56,895 - Expired February 5, 2018
SG 86337 - Expired October 25, 2018
TH 25,132 - Expired February 3, 2018
TH 30975 - Expired October 29, 2018
TW 136,357 - Expired February 6, 2018
TW 383,530 - Expired October 22, 2018
US Re. 35,910 - Expired May 10, 2010
US 5,223,949 - Expired April 16, 2012
US 6,373,856 - Expired September 14, 2018
US 6,445,739 - Expired February 4, 2018
US 6,501,793 - Expired February 4, 2018
US 6,549,724 - Expired October 21, 2018
US 6,654,541 - Expired October 21, 2018
US 6,671,456 - Expired October 21, 2018
US 7,860,159 - Expired February 4, 2018

Polycom, Inc.

US 5,367,385 - Expired May 6, 2012

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Addendum of Patents of Withdrawn Licensors

Each patent listed below was contributed to the AVC Patent Licensing Program by an entity that has withdrawn as a licensor from the AVC Patent Licensing Program. Those licensees with an AVC Patent Portfolio License in effect *on or prior to* the date of withdrawal indicated next to each patent retain their license under the respective withdrawn patent after the indicated withdrawal date.

US 7,155,055 (withdrawn by Zhigu Holdings Limited October 14, 2017)

US 7,020,200 (withdrawn by LSI Corporation July 15, 2007)

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.

US 6,862,043*

removed as of December 5, 2008

* 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.