

**Apple Inc.**

AU 2003256494  
CA 2,491,741  
CN 200810082232.0  
KR 850,810  
SG 110332  
US 7,292,636  
US 7,339,991  
US 7,548,584  
US 7,551,674

AT 3,399,756  
AT 3,457,359  
AU 2004241535  
AU 2008239653  
AU 2012278382  
AU 2015202314  
BE 1,425,922  
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BE 1,587,216  
BE 1,627,360  
BE 1,753,243

CA 3,011,691  
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CA 3,044,014  
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CH 1,627,360  
CH 1,753,243  
CH 2,262,113  
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CH 2,887,671  
CH 3,121,966  
CH 3,399,756  
CH 3,457,359

**Beijing Xiaomi Mobile Software Co., Ltd.**

DE 603 51 945.8  
ES 3,169,050  
FR 3,169,050  
GB 3,169,050  
IT 3,169,050  
US 7,155,055

BE 1,838,107  
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CN 100371955  
CN 100401780C  
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CN 100591102  
CN 101854552

**Cisco Systems Canada Co.**

US 6,646,578  
US 7,050,504  
US 7,227,901  
US 7,400,681

BG 1,753,243  
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BG 3,121,966  
BR PI-0408570-1  
BR PI0410320-3  
BR PI0809510-8  
BR 122018004903-0  
BR 122018004904-9  
BR 122018004906-5

CN 200480007527.1  
CN 200510116499.3  
CN 200710087609.7  
CN 200710127006.5  
CN 200710127007.X  
CN 200710127106.8  
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CN 200710127110.4  
CN 200810176150.2  
CN 200810176151.7  
CN 200880011698.X  
CN 200910002829.4  
CN 200910002860.8  
CN 201010157006.1  
CN 201010199014.2

**Cisco Technology, Inc.**

US 7,684,489

CA 2,454,626  
CA 2,454,867

**Dolby International AB**

AT 434,288  
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DE 60243675	ES 2,390,596	GB 1,459,449
DE 60244434	ES 2,512,136	GB 1,510,078
DE 602 48 658.0	ES 2525557	GB 1,562,384
DE 602 49 251.3	ES 2530204	GB 1,587,216
DE 602 49 252.1	ES 2532326	GB 1,596,604
DE 60313454.8	ES 2,887,671	GB 1,611,740
DE 603 46 994.9	ES 3,121,966	GB 1,611,747
DE 603 47 183.8	ES 3,399,756	GB 1,627,360
DE 603 47 290.7	ES 3,457,359	GB 1,727,373
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DE 60 2004 054 541.4	FI 3,121,966	GB 2,209,319
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DE 60 2008 044 575.5	FR 1,246,131	GB 2,259,597
DE 60 2008 055 318.3	FR 1,425,922	GB 2,262,113
DE 60 2008 063 249.0	FR 1,459,449	GB 2,278,813
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DK 2,512,136	FR 1,611,740	GB 2,512,136
DK 2,887,671	FR 1,611,747	GB 2,887,671
DK 3,121,966	FR 1,627,360	GB 3,121,966
DK 3,399,756	FR 1,727,373	GB 3,399,756
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HK 1,147,374	IT 3,399,756	KR 685,264
HK 1,147,874	IT 3,457,359	KR 751,670
HK 1,149,663	JP 3,678,365	KR 754,972
HK 1,149,664	JP 3,688,248	KR 785,588
HK 1,153,596	JP 3,688,283	KR 785,589
HK 1,228,605	JP 3,688,288	KR 811,986
HU 1,627,360	JP 3,714,944	KR 820,132
HU 2,512,136	JP 3,734,492	KR 880,305
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HU 3,457,359	JP 4,030,558	KR 1,467,601
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IE 1,459,449	JP 4,120,989	KR 1,766,479
IE 1,562,384	JP 4,357,427	KR 1,885,790
IE 1,587,216	JP 4,357,543	KR 1,965,781
IE 1,753,243	JP 4,357,590	KR 2,044,130
IE 1,838,107	JP 4,372,019	KR 2,123,772
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IE 2,259,596	JP 4,666,411	LI 1,753,243
IE 2,259,597	JP 4,666,413	LI 2,262,113
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IE 3,399,756	JP 4,672,074	LI 3,399,756
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IN 259767	JP 4,672,078	LT 2,887,671
IN 293,084	JP 4,717,137	LU 1,627,360
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IT 1,587,216	JP 4,723,027	LU 3,457,359
IT 1,611,740	JP 4,723,483	LV 3,399,756
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MY 135724	PT 3,399,756	TR 2,259,596
MY 145597	PT 3,457,359	TR 2,259,597
MY 154342	RO 1,627,360	TR 2,262,113
NL 1,425,922	RO 2,512,136	TR 2,512,136
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NL 1,587,216	RU 2,521,618	TR 3,457,359
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NL 1,627,360	RU 2,684,184	TW I268714
NL 1,753,243	RU 2,709,671	US Re. 46,924
NL 1,791,369	SE 1,425,922	US Re. 47,076
NL 1,838,107	SE 1,459,449	US Re. 48,035
NL 1,944,977	SE 1,562,384	US 10,298,948
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NL 2,259,597	SE 1,753,243	VN 22362
NL 2,262,113	SE 1,838,107	VN 100 12388
NL 2,290,989	SE 2,209,319	VN 10014713
NL 2,309,757	SE 2,259,596	ZA 2005/09231
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PL 3,399,756	SK 1,627,360	
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PT 1,587,216	SK 2,887,671	
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PT 1,627,360	SK 3,399,756	
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PT 1,838,107	TH 41839	
PT 2,209,319	TH 53753	
PT 2,259,596	TR 1,425,922	
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**Dolby Laboratories Licensing Corporation**

AL 3,079,055  
AT 2,254,339  
AT 2,262,114  
AT 2,262,268  
AT 2,308,239  
AT 3,079,055  
AU 2001284910  
AU 2002316666  
AU 2003247759  
AU 2010212510  
AU 2011218757  
AU 2011244965  
AU 2012201353  
AU 2012202740  
AU 2012244113  
AU 2013200690  
AU 2013206639  
AU 2014204511  
AU 2014204513  
AU 2015200722

AU 2015200723	CN 105357509	FI 3,079,055
AU 2015203602	CN 105357510	FR 1,310,099
AU 2015218509	CN 105357533	FR 2,239,943
AU 2015218514	CN 105357534	FR 2,254,339
AU 2016200044	CN 105376549	FR 2,262,114
AU 2016200775	CN 105407341	FR 2,262,268
AU 2016203103	CN 105472369	FR 2,308,239
AU 2016204179	CN 105791861	FR 3,079,055
AU 2016204435	CN 105915753	GB 1,310,099
AU 2016247038	CN 105915754	GB 2,239,943
AU 2018200702	CN 105915755	GB 2,254,339
AU 2018206694	CN 106095351	GB 2,262,114
BE 2,254,339	CN 106095352	GB 2,262,268
BE 2,262,114	CN 106095353	GB 2,308,239
BE 2,262,268	CN 106095354	GB 3,079,055
BE 2,308,239	CN 106095355	GR 2,262,114
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BN RE/R/2013/0091	CZ 2,262,268	HK 1148888
BR PI0113271-7	CZ 2,308,239	HK 1157548
CA 2,406,459	CZ 3,079,055	HK 1157549
CA 2,418,722	DE 601 14 638.7	HK 1159915
CA 2,490,378	DE 60242915	HK 1,159,916
CA 2,933,940	DE 602 48 175.9	HK 1159917
CA 3,001,216	DE 603 52 311.0	HK 1159918
CA 3,001,227	DE 603 52 312.9	HK 1159919
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CA 3,011,301	DE 60 2012 058 169.7	HK 1,220,301
CH 2,254,339	DK 2,254,339	HK 1,220,303
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CN 101854553	EE 2,262,268	HK 1,227,202
CN 101969569	EE 3,079,055	HK 1,227,590
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CN 102176753	ES 2,262,114	HR 3,079,055
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CN 102256122	ES 2,308,239	HU 2,262,268
CN 102256123B	ES 3,079,055	HU 2,308,239
CN 102256134B	FI 2,239,943	HU 3,079,055
CN 102256135	FI 2,254,339	IE 2,254,339
CN 102256136	FI 2,262,114	IE 2,262,114
CN 102301715	FI 2,262,268	IE 2,262,268

IE 2,308,239	MC 3,079,055	SG 193680
IE 3,079,055	MK 3,079,055	SG 10201508768W
IN 239,859	MO J/002075	SG 10201604130U
IN 243845	MO J/002154	SI 2,254,339
IN 288863	MO J/002762	SI 2,262,268
IN 310087	MO J/003489	SI 3,079,055
IS 3,079,055	MO J/003619	SK 2,239,943
IT 2,239,943	MO J/004098	SK 2,254,339
IT 2,254,339	MT 3,079,055	SK 2,262,114
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JP 5,506,901	MY 154525-A	TR 2,262,268
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JP 5,506,904	MY 171283-A	TW I231,711
JP 5,506,905	NL 2,239,943	US Re. 42,745
JP 5,562,408	NL 2,254,339	US Re. 43,062
JP 6,180,566	NL 2,262,114	US Re. 43,091
JP 6,366,641	NL 2,262,268	US Re. 43,567
JP 6,561,098	NL 2,308,239	US Re. 43,628
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KR 748,194	NO 3,079,055	US Re. 44,285
KR 898,879	PL 2,308,239	US Re. 44,319
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KR 1,768,435	PT 2,254,339	US Re. 44,891
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KR 1,865,543	PT 2,262,268	US Re. 45,983
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LI 2,254,339	PT 3,079,055	US Re. 46,482
LI 2,262,114	RO 2,308,239	US Re. 46,491
LI 2,262,268	RO 3,079,055	US Re. 46,500
LI 2,308,239	RS 3,079,055	US Re. 47,202
LI 3,079,055	RU 2,665,211	US Re. 47,258
LT 2,308,239	RU 2,711,102	US Re. 47,261
LT 3,079,055	SE 2,239,943	US Re. 47,277
LU 2,254,339	SE 2,254,339	US 6,816,552
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LU 2,262,268	SE 2,262,268	US 7,123,655
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LV 3,079,055	SE 3,079,055	US 7,170,942
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US 10,728,554

**Electronics and  
Telecommunications Research  
Institute**

AT-E 651714  
BE 1,300,025  
CA 2,414,362  
CA 2,848,591

CA 2,854,524  
CH 1,300,025  
CN 01814313.X  
CN 200410089708.5  
DE 60148585.8  
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JP 4,988,498  
KR 353,851 - Exp. Dec 27, 2020  
LI 1,300,025  
NL 1,300,025  
PT 1,300,025  
SE 1,300,025  
TR 1,300,025  
US 7,388,916  
US 7,881,388  
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**Electronics and  
Telecommunications Research  
Institute and Korea Advanced  
Institute of Science and  
Technology (KAIST)**

US 8,184,153

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

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**Fujitsu Limited**

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**Godø Kaisha IP Bridge1**

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KR 958,982	LI 1,965,590	MX 295,712
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KR 979,604	LI 2,824,927	MY 135229
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**Google LLC**

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**JVCKENWOOD Corporation**

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**Koninklijke Philips N.V.**

CN 100375520  
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**LG Electronics Inc.**

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FR 1,406,453	GB 2,387,498	HK 1,083,408
FR 1,582,069	GB 2,388,267	HK 1,085,074
FR 1,601,209	GB 2 391 126	HK 1,086,416
FR 1,603,344	GB 2,393,873	HK 1,086,417
FR 1,608,181	GB 2,405,549	HK 1,091,634
FR 1,635,577	GB 2,406,459	HK 1,093,646
FR 1,672,931	GB 2,406,460	HK 1,095,457
FR 1,679,904	GB 2,408,889	HK 1,095,458
FR 1,796,396	GB 2,412,032	HK 1,095,459
FR 1,809,048	GB 2,415,569	HK 1096518
FR 1,821,547	GB 2,416,455	HK 1,108,094
FR 1,876,831	GB 2 416 456	HU E002547
FR 1,876,832	GB 2,422,263	HU 1,406,453
FR 1,876,833	GB 2,427,779	HU 1,582,069
FR 1,876,834	GB 2,430,325	HU 1,603,344
FR 1,876,835	GB 2,436,981	HU 1,608,181
FR 1,876,836	GB 2,840,794	HU 1,635,577
FR 1,876,837	GB 3,024,238	HU 1,796,396
FR 1,876,838	GB 3,024,239	HU 1,809,048

HU 1,821,547	IT 1,603,344	JP 4,709,241
HU 2,003,899	IT 1,608,181	JP 4,709,242
HU 2,003,900	IT 1,635,577	JP 4,709,291
HU 2,009,927	IT 1,679,904	JP 4,709,292
HU 2,009,928	IT 1,796,396	JP 4,763,739
HU 2,015,585	IT 1,809,048	JP 4,796,176
HU 2,066,130	IT 1,821,547	JP 4,865,753
HU 2,202,987	IT 1,876,831	JP 4,865,754
HU 2,202,988	IT 1,876,832	JP 4,865,755
HU 2205000	IT 1,876,833	JP 4,865,756
HU 2,205,001	IT 1,876,834	KR 491,530
HU 2,785,063	IT 1,876,835	KR 494,828
HU 2,785,064	IT 1,876,837	KR 494,829
HU 2,785,065	IT 1,876,838	KR 494,830
HU 2,806,648	IT 2,003,899	KR 494,831
HU 2,840,794	IT 2,003,900	KR 505,319
HU 3,024,238	IT 2,009,927	KR 505,320
HU 3,024,239	IT 2,009,928	KR 506,864
HU 3,026,914	IT 2,015,585	KR 506,865
HU 3,054,687	IT 2,066,130	KR 506,866
HU 3,054,688	IT 2,202,987	KR 507,917
HU 3,054,689	IT 2,202,988	KR 508,798
ID P0023393	IT 2205000	KR 508,799
ID P0026920	IT 2,205,001	KR 508,800
IE 1,406,453	IT 2,785,063	KR 523,551
IE 1,603,344	IT 2,785,064	KR 525,785
IE 1,796,396	IT 2,785,065	KR 619,716
IE 1,809,048	IT 2,806,648	KR 626,234
IE 1,821,547	IT 2,840,794	KR 626,235
IE 2,003,899	IT 3,024,238	KR 655,546
IE 2,003,900	IT 3,024,239	KR 674,027
IE 2,009,927	IT 3,026,914	KR 687,845
IE 2,009,928	IT 3,054,687	KR 693,669
IE 2,015,585	IT 3,054,688	KR 693,670
IE 2,840,794	IT 3,054,689	KR 693,671
IE 3,024,238	JP 3,958,690	KR 721,022
IE 3,024,239	JP 4,020,789	KR 748,512
IE 3,026,914	JP 4,216,852	KR 857,383
IE 3,054,687	JP 4,435,480	KR 857,384
IE 3,054,688	JP 4,495,087	KR 857,385
IE 3,054,689	JP 4,567,551	KR 864,790
IN 208,932	JP 4,567,669	KR 864,791
IN 236,121	JP 4,625,100	KR 865,034
IT 70651/BE/2012	JP 4,625,101	KR 865,039
IT 1,359,767	JP 4,625,102	KR 881,554
IT 1,359,769	JP 4,625,103	KR 881,555
IT 1,406,453	JP 4,625,104	KR 881,556
IT 1,582,069	JP 4,625,131	KR 881,557
IT 1,601,209	JP 4,625,132	KR 881,558

KR 881,560	LI 2,009,928	NL 1,022,331
KR 881,563	LI 2,015,585	NL 1,022,332
KR 881,565	LI 2,066,130	NL 1,022,333
KR 881,566	LI 2,840,794	NL 1028855
KR 881,567	LI 3,024,238	NL 1028856
KR 881,568	LI 3,024,239	NL 1029057
KR 881,569	LI 3,026,914	NL 1,029,485
KR 881,570	LI 3,054,687	NL 1,029,486
KR 881,571	LI 3,054,688	NL 1,406,453
KR 883,025	LI 3,054,689	NL 1,582,069
KR 890,504	LU 1,406,453	NL 1,603,344
KR 890,505	LU 1,582,069	NL 1,608,181
KR 890,506	LU 1,603,344	NL 1,796,396
KR 890,507	LU 1,608,181	NL 1,809,048
KR 890,508	LU 1,796,396	NL 1,821,547
KR 890,509	LU 1,809,048	NL 2,003,899
KR 890,510	LU 1,821,547	NL 2,003,900
KR 890,511	LU 2,003,899	NL 2,009,927
KR 890,512	LU 2,003,900	NL 2,009,928
KR 890,513	LU 2,009,927	NL 2,015,585
KR 890,514	LU 2,009,928	NL 2,066,130
KR 890,515	LU 2,015,585	NL 2,840,794
KR 890,516	LU 2,066,130	NL 3,024,238
KR 890,518	LU 2,840,794	NL 3,024,239
KR 901,642	LU 3,024,238	NL 3,026,914
KR 901,643	LU 3,024,239	NL 3,054,687
KR 907,173	LU 3,026,914	NL 3,054,688
KR 907,174	LU 3,054,687	NL 3,054,689
KR 937,553	LU 3,054,688	PL 1,582,069
KR 937,554	LU 3,054,689	PL 1,608,181
KR 943,627	MC 1,406,453	PL 2,066,130
KR 985,240	MC 1,603,344	PL 2,840,794
KR 985,263	MC 1,796,396	PL 3,024,238
KR 985,268	MC 1,809,048	PL 3,024,239
KR 985,340	MC 1,821,547	PL 3,026,914
KR 985,379	MC 2,003,899	PL 3,054,687
KR 991,568	MC 2,003,900	PL 3,054,688
KR 991,618	MC 2,009,927	PL 3,054,689
KR 991,624	MC 2,009,928	PL 3,258,693
LI 1,406,453	MC 2,015,585	PT 1,406,453
LI 1,582,069	MC 2,840,794	PT 1,582,069
LI 1,603,344	MC 3,024,238	PT 1,603,344
LI 1,608,181	MC 3,024,239	PT 1,608,181
LI 1,796,396	MC 3,026,914	PT 1,796,396
LI 1,809,048	MC 3,054,687	PT 1,809,048
LI 1,821,547	MC 3,054,688	PT 1,821,547
LI 2,003,899	MC 3,054,689	PT 2,003,899
LI 2,003,900	MX 258,058	PT 2,003,900
LI 2,009,927	MX 262,980	PT 2,009,927



PT 2,009,928	SE 2,003,900	TR 2,003,899
PT 2,015,585	SE 2,009,927	TR 2,003,900
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PT 2,840,794	SE 2,015,585	TR 2,009,928
PT 3,024,238	SE 2,066,130	TR 2,015,585
PT 3,024,239	SE 2,840,794	TR 2,066,130
PT 3,026,914	SE 3,024,238	TR 2,840,794
PT 3,054,687	SE 3,024,239	TR 3,024,238
PT 3,054,688	SE 3,026,914	TR 3,024,239
PT 3,054,689	SE 3,054,687	TR 3,026,914
RO 2,840,794	SE 3,054,688	TR 3,054,687
RO 3,024,238	SE 3,054,689	TR 3,054,688
RO 3,024,239	SG 113,888	TR 3,054,689
RO 3,026,914	SG 167,659	TR 3,258,693
RO 3,054,687	SI 1,406,453	TW 221,076
RO 3,054,688	SI 1,603,344	TW 229,825
RO 3,054,689	SI 1,796,396	TW I 259,412
RU 2,264,049	SI 1,809,048	TW I 280,806
RU 2,273,113	SI 1,821,547	US Re. 42,747
RU 2,282,947	SI 2,003,899	US Re. 43,709
RU 2,282,948	SI 2,003,900	US Re. 45,859
RU 2,287,908	SI 2,009,927	US 7,233,621
RU 2,297,109	SI 2,009,928	US 7,558,321
RU 2,319,317	SI 2,015,585	US 7,570,691
RU 2,319,318	SK 1,406,453	US 7,606,307
RU 2,326,506	SK 1,603,344	US 7,613,241
RU 2,328,090	SK 1,796,396	US 7,620,110
RU 2,333,616	SK 1,809,048	US 7,627,035
RU 2,335,861	SK 1,821,547	US 7,634,007
RU 2,338,332	SK 2,003,899	US 7,634,010
SE 1,359,769	SK 2,003,900	US 7,643,556
SE 1,406,453	SK 2,009,927	US 7,643,557
SE 1,582,069	SK 2,009,928	US 7,706,451
SE 1,601,209	SK 2,015,585	US 7,711,053
SE 1,603,344	SK 2,840,794	US 7,711,054
SE 1,608,181	SK 3,024,238	US 7,835,442
SE 1,679,904	SK 3,024,239	US 7,835,443
SE 1,796,396	SK 3,026,914	US 7,835,444
SE 1,809,048	SK 3,054,687	US 7,835,445
SE 1,821,547	SK 3,054,688	US 7,835,446
SE 1,876,831	SK 3,054,689	US 7,835,447
SE 1,876,832	SK 3,258,693	US 7,835,448
SE 1,876,833	TR 1,406,453	US 7,835,449
SE 1,876,834	TR 1,582,069	US 7,835,450
SE 1,876,835	TR 1,603,344	US 7,835,451
SE 1,876,836	TR 1,608,181	US 7,839,934
SE 1,876,837	TR 1,796,396	US 7,839,935
SE 1,876,838	TR 1,809,048	US 7,843,999
SE 2,003,899	TR 1,821,547	US 7,899,116

US 7,916,786	US 8,254,452	CN 200710092133.6
US 7,916,787	US 8,335,263	CN 200710092134.0
US 7,920,625	US 8,345,757	JP 4,363,326
US 8,130,842	US 8,345,758	JP 4,363,484
US 8,149,919	US 8,351,503	JP 4,542,447
US 8,149,921	US 8,351,504	JP 4,895,995
US 8,170,114	US 8,351,505	JP 5,010,709
US 8,179,975	US 8,351,506	JP 5,017,086
US 8,208,546	US 8,351,507	JP 5,017,087
US 8,223,850	US 8,363,723	JP 5,017,464
US 8,228,977	US 8,385,417	JP 5,236,088
US 8,228,978	US 8,396,128	JP 5,470,365
US 8,228,996	US 8,411,748	JP 5,470,494
US 8,229,005	US 8,416,853	JP 5,470,495
US 8,233,528	US 8,416,854	JP 5,470,496
US 8,233,533	US 8,422,556	JP 5,547,171
US 8,233,546	US 8,428,134	JP 5,865,966
US 8,233,550	US 8,432,969	JP 5,868,909
US 8,238,417	US 8,463,058	JP 5,913,474
US 8,238,418	US 8,467,620	JP 6,096,871
US 8,238,422	US 8,467,621	JP 6,117,302
US 8,238,430	US 8,467,622	JP 6,222,756
US 8,238,447	US 8,472,738	JP 6,311,084
US 8,238,448	US 8,509,550	JP 6,311,085
US 8,238,449	US 8,548,264	JP 6,311,086
US 8,243,786	US 8,565,305	JP 6,348,562
US 8,243,791	US 8,565,306	JP 6,355,870
US 8,243,792	US 8,565,544	JP 6,357,523
US 8,243,793	US 8,582,651	JP 6,364,462
US 8,243,794	US 8,630,348	US 7,936,822
US 8,243,795	US 8,630,349	US 7,936,823
US 8,243,799	US 8,634,468	US 7,970,058
US 8,243,800	US 8,634,666	US 8,036,272
US 8,243,817	US 8,639,048	US 8,320,459
US 8,243,819	US 8,644,630	US 8,325,816
US 8,243,827	US 8,649,622	US 8,340,190
US 8,243,828	US 8,655,089	US 8,571,107
US 8,243,829	US 8,743,960	US 8,571,108
US 8,243,830	US 8,792,551	US 8,837,594
US 8,249,148	US 8,798,156	US 8,923,387
US 8,249,149	US 8,811,489	US 9,118,924
US 8,249,156	US 8,848,796	US 9,270,998
US 8,249,157	VN 6,782	US 9,277,225
US 8,249,162	VN 6,783	US 9,277,226
US 8,249,163		US 9,319,687
US 8,249,165	<b><u>Maxell, Ltd.</u></b>	US 9,414,082
US 8,249,172		US 9,414,083
US 8,249,173	CN 03805041.2	US 9,414,084
US 8,249,174	CN 200710092132.1	US 9,432,681

Microsoft Corporation

AT 1,753,244	FR 1,468,566	JP 4,199,973
AU 2003204477	FR 1,468,567	JP 4,448,334
BE 1,746,844	FR 1,746,844	JP 4,489,794
BE 1,753,244	FR 1,750,449	JP 4,503,294
BE 1,753,248	FR 1,753,244	JP 4,522,658
CA 2,430,460	FR 1,753,248	JP 4,560,028
CH 1,753,244	FR 1,768,418	JP 4,560,033
CN 02143205.8	FR 2,309,749	JP 4,610,195
CN 02825191.1	FR 2,364,025	JP 4,662,697
CN 03124169.7	GB 1,294,198	JP 4,690,635
CN 03141275.0	GB 1,298,938	JP 4,700,762
CN 03811662.6	GB 1,310,097	JP 4,703,114
CN 100394447	GB 1,335,609	JP 4,733,341
CN 100459712	GB 1,468,566	JP 4,918,119
CN 100461858	GB 1,468,567	JP 5,175,371
CN 100463522	GB 1,746,844	JP 5,394,528
CN 200610079930.6	GB 1,750,449	JP 5,442,568
CN 200610141384.4	GB 1,753,244	JP 5,826,900
CN 201110159665.3	GB 1,753,248	KR 578,432
CZ 1,746,844	GB 1,768,418	KR 839,308
CZ 1,753,248	GB 2,309,749	KR 839,309
DE 601 49 595.0	GB 2,364,025	KR 839,311
DE 601 51 164.6	GR 1,753,244	KR 884,134
DE 602 47 918.5	HK 1,053,033	KR 895,932
DE 602 47 919.3	HK 1,053,034	KR 925,968
DE 602 48 485.5	HK 1,069,700	KR 939,855
DE 602 48 666.1	HK 1,069,701	KR 947,162
DE 602 48 778.1	HK 1,102,207	KR 958,499
DE 602 48 780.3	HK 1,103,199	KR 965,703
DE 60310368.5	HK 1,103,201	KR 999,311
DE 60311231.5	HK 1,156,454	LI 1,753,244
DE 60332175.5	HK 1,161,946	MX 250244
DE 603 47 524.8	HK 1,164,594	NL 1,294,198
DE 603 52 323.4	IE 1,753,244	NL 1,298,938
DK 1,753,244	IN 260152	NL 1,310,097
ES 1,294,198	IN 318849	NL 1,746,844
ES 1,298,938	IT 1,294,198	NL 1,750,449
ES 1,746,844	IT 1,298,938	NL 1,753,244
ES 1,750,449	IT 1,468,566	NL 1,753,248
ES 1,753,248	IT 1,468,567	NL 1,768,418
ES 1,768,418	IT 1,746,844	NL 2,309,749
ES 2341357	IT 1,750,449	NL 2,364,025
FI 1,753,244	IT 1,753,244	PT 1,753,244
FR 1,294,198	IT 1,753,248	RU 2310231
FR 1,298,938	IT 1,768,418	SE 1,746,844
FR 1,310,097	JP 3,964,765	SE 1,753,244
FR 1,335,609	JP 3,964,925	SE 1,753,248
	JP 4,102,841	TR 1,753,244
	JP 4,159,400	TW I 221,388

TW I310137  
US 6,882,685  
US 7,003,035  
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US 7,120,197  
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US 9,363,536  
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US 10,264,284  
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US 10,567,753  
US 10,567,791

Mitsubishi Electric Corporation

CA 2,554,143  
CA 2,632,408  
CA 2,685,312  
CA 2,686,438  
CA 2,686,449  
CA 2,756,577  
CA 2,756,676  
CA 2,807,566  
CA 2,809,277  
CN 03800516.6  
CN 200610099715.2  
CN 200710091701.0  
CN 200910174094.3  
CN 200910203523.5  
CN 200910203525.4  
CN 201010129742.6  
CN 201010143855.1  
HK 1,140,324  
HK 1,144,632  
JP 3,807,342  
JP 4,211,780  
JP 4,211,873  
JP 4,828,629  
JP 4,828,630  
KR 740,381  
SG 101,613  
SG 147,308  
SG 158,846  
SG 158847  
SG 177,782  
SG 186521  
SG 187,281  
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TW I 222,834  
US Re. 41,729  
US 7,095,344  
US 7,388,526  
US 7,408,488  
US 7,518,537  
US 7,859,438  
US 7,994,951  
US 8,188,895  
US 8,203,470  
US 8,354,946  
US 8,553,772  
US 8,604,950

NEC Corporation

CN 200710169295.5  
CN 200910206099.X  
DE 603 49 766.7  
FR 1,499,134  
GB 1,499,134  
JP 4,102,973

Nippon Telegraph and Telephone Corporation

JP 3,866,628

NTT DOCOMO, INC.

AT 2,268,035  
AT 2,271,114  
BE 1,408,698  
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DE 603 48 188.4	FR 2,268,035	JP 4,722,990
DE 603 48 936.2	FR 2,268,036	JP 4,871,402
DE 603 49 302.5	FR 2,268,037	JP 5,015,285
DE 603 49 864.7	FR 2,271,114	JP 5,122,677
DE 603 50 172.9	FR 2,894,855	JP 5,138,805
DE 603 51 215.1	FR 3,079,261	KR 583,552
DE 603 51 267.4	FR 3,200,462	KR 603,175
DE 603 51 887.7	FR 3,355,584	KR 701,810
DE 603 51 990.3	GB 1,408,695	KR 762,155
DE 603 52 048.0	GB 1,408,698	LI 1,504,408
DK 1,504,408	GB 1,434,444	LI 1,540,962
DK 1,540,962	GB 1,504,408	LI 2,268,035
DK 2,268,035	GB 1,540,962	LI 2,268,037
DK 2,271,114	GB 1,543,476	LI 3,079,261
DK 3,079,261	GB 2,268,035	LI 3,200,462
EE 1,408,698	GB 2,268,036	LI 3,355,584
EE 1,504,408	GB 2,268,037	LU 2,268,035
EE 1,540,962	GB 2,271,114	MC 1,504,408
EE 2,268,035	GB 2,894,855	MC 2,268,035
EE 2,268,036	GB 3,079,261	MC 2,271,114
EE 2,271,114	GB 3,200,462	NL 1,504,408
EE 3,079,261	GB 3,355,584	NL 2,268,035
ES 1,408,698	GR 1,504,408	NL 2,268,037
ES 1,504,408	GR 1,540,962	NL 2,271,114
ES 1,540,962	GR 2,268,035	NL 3,200,462
ES 2,268,035	GR 2,271,114	NL 3,355,584
ES 2,268,036	GR 3,079,261	NO 2,268,037
ES 2,268,037	IE 1,504,408	NO 3,200,462
ES 2,271,114	IE 2,268,035	PL 2,268,037
ES 2,321,288	IE 2,271,114	PL 3,200,462
ES 2,347,228	IT 1,408,698	PT 1,408,698
ES 2,894,855	IT 1,434,444	PT 1,504,408
ES 3,079,261	IT 1,504,408	PT 1,540,962
ES 3,200,462	IT 1,540,962	PT 2,268,035
ES 3,355,584	IT 2,268,035	PT 2,268,037
FI 1,434,444	IT 2,268,036	PT 2,271,114
FI 1,504,408	IT 2,268,037	PT 3,079,261
FI 1,540,962	IT 2,271,114	PT 3,200,462
FI 1,543,476	IT 2,894,855	PT 3,355,584
FI 2,268,035	IT 3,079,261	RO 2,268,037
FI 2,268,036	IT 3,200,462	RO 3,200,462
FI 2,271,114	IT 3,355,584	RO 3,355,584
FI 2,894,855	JP 3,491,001	SE 1,408,698
FI 3,079,261	JP 3,513,148	SE 1,434,444
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Panasonic Corporation

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MX 238717	NL 2,273,793	PT 2,278,816
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SE 2271108	SK 3,051,814	TR 3,240,196
SE 2271109	SK 3,054,679	TR 3,253,056
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US 8,670,482	US 9,826,255	

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AU 2002326713  
BR PI 0212000-3  
CA 2457882  
CN 02816465.2  
ID 100020475  
IL 160476  
IN 250484  
JP 4,881,543  
KR 691,307  
MX 251254  
NO 339116  
NZ 531863  
PH 1-2004-500254  
RU 2291586  
SG 102893  
SZ RP/4/2006  
US 7,239,662  
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**Robert Bosch GmbH**

AT 324012  
BE 1,457,055  
CH 1,457,055  
DE 50206504  
DK 1,457,055  
ES 2262847  
FI 1,457,055  
FR 1,457,055  
GB 1,457,055  
IT 1,457,055  
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**Samsung Electronics Co., Ltd.**

CN 03801207.3  
CN 200410033037.0  
IN 203,511  
IN 268596  
KR 460,970  
KR 584,549  
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**Sharp Corporation**

CN 102638684  
CN 200780031669.5  
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**Siemens AG**

BR PI0109962-0  
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CN 1204752C  
CN 1297146  
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RU 2270530  
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US 8,270,489  
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**Sony Corporation**

CN 1,225,919  
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KR 1,031,561	US 8,879,624	IN 308495
KR 1,091,751	US 9,532,068	IN 313116
KR 1,091,752	US 10,477,270	IN 324,793
KR 1,106,086	US 10,595,081	IT 20878/BE/2013
KR 1,142,988	US 10,602,218	IT 21124/BE/2013
KR 1,156,997	US 10,602,219	IT 1,499,133
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US 7,639,742	US 10,659,839	JP 4,130,783
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US 8,315,313	CH 2,216,995	MX 239456
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US 8,325,820	CN 200610095711.7	MY 136,457
US 8,351,501	CN 200610095712.1	NL 1,499,133
US 8,401,088	CN 200610095862.2	NL 1,773,067
US 8,428,139	CN 200610095863.7	NL 2,216,995
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**Telefonaktiebolaget LM  
Ericsson**

AT 1,449,383  
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**Toshiba Corporation**

AT-E 479,285  
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CA 2,473,771  
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JP 4,517,014	JP 4,538,560	
JP 4,517,015	JP 4,538,561	<u><b>Vidvo, Inc.</b></u>
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JP 4,517,020	JP 4,538,566	AU 2007309044
JP 4,517,021	JP 4,538,567	AU 2011205017
JP 4,517,022	JP 4,538,568	AU 2012 216587
JP 4,517,023	JP 4,538,569	AU 2012 226283
JP 4,517,024	JP 4,538,570	BE 2,005,607
JP 4,517,025	JP 4,538,571	CA 2,633,819
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JP 4,517,035	NL 1,414,245	ES 2,005,607
JP 4,517,036	NL 1,798,988	FR 2,005,607
JP 4,517,037	NO 337383	GB 2,005,607
JP 4,517,038	NO 339262	IT 2,005,607
JP 4,517,039	NO 341,757	JP 5,351,761
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JP 4,538,544	US 7,672,375	TR 2,005,607
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AVC Attachment 1

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**Dolby International AB**

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JP 3,078,692 - Exp. Nov 8, 2013  
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CY 2,123,052 - Exp. Oct 17, 2017  
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IS 2,123,052 - Exp. Oct 31, 2017  
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MC 2,123,052 - Exp. Nov 2, 2017  
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## **Addendum of Patents of Terminated Licensors**

Each patent listed below was contributed to the AVC Patent Portfolio Licensing Program by an entity that has terminated as a licensor from the AVC Patent Portfolio Licensing Program. For as long as they continue to be a Licensee, those Licensees with an AVC Patent Portfolio License in effect prior to the date of termination retain their license under the respective patent and all AVC 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.

### **Avago Technologies International Sales (formerly LSI Corporation) (terminated July 15, 2007)**

US 7,020,200

## **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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