

Apple Inc.

US 7,292,636

The Trustees of Columbia University in the City of New York

US Re. 35,093

CA 2,096,431

DE 69129595

DE 69130329

FR 564,597

FR 630,157

GB 564,597

GB 630,157

JP 2,746,749

DAEWOO Electronics Corporation

KR 174,441

KR 229,783

Dolby Laboratories Licensing Corporation

US 6,728,317

CA 2,406,459

US 7,266,150

AU 2003247759

MX 252716

SG 108,377

TW I231,711

Electronics and Telecommunications Research Institute

US 7,388,916

KR 353,851

CN 200410089708.5

CN 01814313.X

France Télécom, société anonyme

US 4,796,087¹

DE 3767919[†]

FI 86,241²

FR 2,599,577³

GB 248,711[†]

IT 248,711[†]

SE 248,711[†]

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

US 6,894,628

US 6,900,748

US 7,088,271

US 6,943,710

JP 3,989,485

US 7,286,710

US 7,379,608

US 7,496,143

US 7,702,013

US 7,586,924

US 7,599,435

US 7,684,484

US 7,684,488

¹ Expired May 31, 2007

² Expired May 28, 2007

³ Expired May 29, 2006

[†] Expired May 26, 2007

AT 352,826
BE 1,467,491
BG 1,467,491
CH 1,467,491
CZ 1,467,491
DE 50306371.1
DK 1,467,491
ES 1,467,491
FI 1,467,491
FR 1,467,491
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HK 1,070,480
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AT 343,302
BE 1,487,113
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AT 1,550,219
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CH 1,550,219
CZ 1,550,219
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DK 1,550,219
ES 1,550,219
FI 1,550,219
FR 1,550,219
GB 1,550,219
HU 1,550,219
IE 1,550,219
IT 1,550,219
LI 1,550,219
LU 1,550,219
NL 1,550,219
PT 1,550,219
RO 1,550,219
SE 1,550,219
SK 1,550,219
SI 1,550,219
TR 1,550,219

JP 4,054,345

JP 4,057,595

JP 4,295,356

JP 4,313,757

JP 4,313,771

KR 729,270

KR 733,795

Fujitsu Limited

US 5,235,618

US 7,272,182

JP 3,791,922

CA 2,439,886

CN 03156610.3

JP 3,946,721

CN 200510130221.1

JP 3,946,758

JP 3,946,759

JP 4,142,180

JP 4,184,388

JP 4,184,389

KR 788,567

KR 788,569

KR 788,570

KR 908,955

CN 200510130222.6

Hitachi, Ltd.

JP 3,191,935

JP 3,303,869

Koninklijke Philips Electronics N.V.

US 4,849,812⁴

US 5,021,879⁵

US 5,128,758⁶

CA 2,018,031[†]

US 5,179,442⁷

CA 2,304,917[†]

JP 2,791,822⁸

US 5,606,539

US 5,608,697

US 5,844,867

AT 157,830

BE 0460751

DE 69127504

DK 0460751

FR 0460751

GB 0460751

IT 52497 BE/97

JP 3,162,110

JP 3,280,999

NL 0460751

SE 0460751

⁴ Expired February 23, 2008

⁵ Expired June 3, 2008

⁶ Expired July 6, 2009

[†] Expires June 1, 2010

⁷ Expired January 11, 2010

⁸ Expires June 2, 2010

US 5,699,476
CA 2,036,585
DE 69109346.6
DK 0443676
FI 101,442
FR 0443676
GB 0443676
IT 0443676
JP 3,174,586
NL 0443676
SE 0443676
AU 641,726
HK 96-615
SG 9690467.7

US 5,740,310
CA 2,043,670

US 6,909,450
CN 100375520

KR 114,697

KR 239,837

CN 100380983

LG Electronics Inc.

US Re. 40,177⁹

US Re. 40,178

US Re. 40,179

US Re. 40,180

⁹ Replaced US 6,594,400 of which it is a reissue.

US Re. 41,089

US 6,912,351

US 7,403,663

US 7,424,159

US 7,433,525

US 7,440,627

US 7,447,367

US 7,463,776

US 7,486,832

US 7,577,303

US 7,577,304

US 7,580,583

US 7,587,090

US 7,233,621

US 7,558,321

US 7,570,691

US 7,606,307

US 7,627,035

US 7,634,007

US 7,643,556

US 7,643,557

US 7,262,886

US 7,277,593

US 7,289,682

US 7,359,569

US 7,391,921

US 7,391,922

US 7,394,945

US 7,397,965

US 7,403,667

US 7,437,015

US 7,463,786

US 7,492,959

US 7,492,960

US 7,496,239

US 7,499,598

US 7,613,241

US 7,620,110

US 7,706,451

DE 10300528.5

DE 10300529.3

FI 1,359,769

FR 1,359,769

IT 1,359,769

RU 2,338,332

SE 1,359,769

FR 1,383,338

AT 354,259
BE 1,406,453
BG 1,406,453
CH 1,406,453
CY 1,406,453
CZ 1,406,453
DE 60311720.1
DK 1,406,453
EE E001131
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FI 1,406,453
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NL 1,406,453
PT 1,406,453
SE 1,406,453
SI 1,406,453
SK 1,406,453
TR 1,406,453

GB 2,387,498
CN 200410104547.2
RU 2,297,109
TW I 259,412
TW I 280,806
GB 2,408,889
HK 1,073,043
RU 2,333,616

GB 2,388,267
CN 03101444.5
CN 200510055870.X
CN 200510055871.4
NL 1,022,331
RU 2,282,948
TW 221,076
GB 2,405,549
HK 1,073,557
RU 2,335,861
GB 2,416,455
HK 1,079,647
HK 1,091,634
GB 2,422,263

GB 2,393,873
CN 03101623.5
DE 10300533
GB 2,406,459
GB 2,406,460
RU 2,287,908
RU 2,319,317
RU 2,319,318

GB 2,412,032
GB 2,436,981
AU 2005203096
CA 2,512,671
CA 2,522,835
MX 262,980
RU 2,326,506
RU 2,328,090
SG 113,888
VN 6,782
VN 6,783

GB 2,430,325

JP 3,958,690
CN 200510116129.X
ES 1,359,767
FR 1,359,767
HU E002547
IT 1,359,767

JP 4,020,789

JP 4,216,852

JP 4,435,480

KR 237,636

KR 251,549

KR 491,530

KR 494,828
HK 1,073,555

KR 494,829
HK 1,073,556

KR 494,830
RU 2,273,113

KR 494,831

KR 505,319

KR 505,320

KR 506,864
RU 2,264,049
TW 229,825

KR 506,865

KR 506,866

KR 507,917

KR 508,798
CN 03101657.X

KR 508,799

KR 508,800

KR 523,551

KR 525,785

KR 602,149

KR 617,598

KR 619,716

KR 626,234

KR 626,235

KR 640,937

KR 655,546
RU 2,282,947

KR 674,027

KR 687,845

KR 693,669

KR 693,670

KR 693,671

KR 721,022

KR 748,512

KR 757,829

KR 757,830

KR 757,831

KR 757,832

KR 850,947

KR 857,383

KR 857,384

KR 857,385

AU 2004217197

KR 864,790

KR 864,791

KR 865,034

CN 03101620.0

KR 865,039

KR 881,554

KR 881,555

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KR 881,557

KR 881,558

KR 881,565

KR 881,566

KR 881,567

KR 881,568

KR 881,569

KR 881,570

KR 881,571

KR 883,025

KR 886,192

KR 890,504

KR 890,505

KR 890,514

KR 901,642

KR 901,643

NL 1,022,332

NL 1,022,333
NL 1,029,485
NL 1,029,486

Microsoft Corporation

US 6,563,953
US 6,735,345
US 7,289,673
AT 1,135,934
BE 1,135,934
CH 1,135,934
DE 69937462.6
DK 1,135,934
ES 1,135,934
FI 1,135,934
FR 1,135,934
GB 1,135,934
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NL 1,135,934
PT 1,135,934
SE 1,135,934

US 6,882,685
US 7,106,797
CN 02143205.8
CN 100463522
JP 3,964,765
JP 3,964,925
TW I 221,388

US 6,912,584

US 7,024,097
US 7,142,775

US 7,116,830

US 7,120,197

US 7,263,232

US 7,577,305

US 7,149,247

US 7,155,055

US 7,162,091

US 7,167,633

US 7,248,779

US 7,181,072

US 7,242,437

US 7,633,551

US 7,248,740

US 7,266,149

US 7,271,849

US 7,274,407

US 7,286,189

US 7,280,700

CN 100394447

US 7,505,485

US 7,593,466

US 7,646,816

US 7,609,767

US 7,646,810

DE 60311231.5
DE 60310368.5
FR 1,468,566
FR 1,468,567
GB 1,468,566
GB 1,468,567
HK 1,069,700
HK 1,069,701
IT 1,468,566
IT 1,468,567

JP 4,102,841

JP 4,159,400

JP 4,199,973
CN 100461858

KR 578,432
CN 03124169.7

KR 839,308

KR 839,309
CN 100459712

KR 839,311

KR 884,134

KR 925,968

Mitsubishi Electric Corporation

US 5,926,225

US 6,097,759
CA 2,327,489
NO 310,850

US 7,095,344

SG 101,613

TW I 222,834

US 7,388,526

CA 2,554,143

SG 147,308

US 7,408,488

US 7,518,537

JP 1,869,940¹⁰

JP 3,347,954

JP 3,807,342

JP 4,211,780

JP 4,211,873

JP 4,260,786

JP 4,326,758

JP 4,388,771

KR 740,381

CN 200610099715.2

Nippon Telegraph and Telephone Corporation

JP 2,938,412

JP 3,866,628

¹⁰ Expired March 8, 2005

NTT DOCOMO, INC.

US 7,190,289

US 7,346,216

JP 3,491,001

TW I 232,682

JP 3,513,148

CN 200310100660.9

TW I 244,856

KR 583,552

JP 3,534,742

CN 200310100758.4

TW I 225,360

JP 3,679,083

CN 200310100762.0

KR 603,175

KR 701,810

Panasonic Corporation[†]

US Re. 35,910¹¹

US 5,223,949

US 6,608,939

US 6,658,152

US 6,681,048

CN 97191584.9

JP 3,208,101

JP 3,222,876

JP 3,527,454

KR 354,799

KR 425,613

SG 54,716

US 6,373,856

DE 69822751.4

FR 0909099

GB 0909099

IT 2004B69800

US 6,445,739

CN 98800434.8

ID 10,293

IN 213,894

MX 220,076

SG 56,895

TH 25,132

US 6,501,793

CN 01118860.X

US 6,954,156

MX 239385

[†] Name change from Matsushita Electric Industrial Co., Ltd., effective October 1, 2008.

¹¹ Expires May 10, 2010

US 6,954,157
AU 2002357584
ID 18,606
MX 245,670
MX 259,376
US 6,967,600
US 7,312,731
ID 21759

US 6,992,605
CN 02813282.3
US 7,109,898
ID 21057

US 7,088,269
AU 2003221378
ID 19,093

US 7,095,896
US 7,305,134
AT 1,753,246
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CH 1,753,246
CN 200610168486.5
DE 60328838
ES 1,753,246
FR 1,753,246
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IT 1,753,246
LI 1,753,246
NL 1,753,246
US 7,308,143
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US 7,308,149
AT 1,744,562
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CZ 1,744,562
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AT 1,746,841
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US 7,126,989
US 7,583,731

US 7,167,591
AU 2003236032
CN 03800235.3
ID 19,906
MX 249,459
US 7,218,787
TW I 262,024

US 7,184,598
AT 1,750,451
AU 2006203176
BE 1,750,451
CH 1,750,451
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US 7,206,347
CN 3801021.6
ID 21,001

US 7,209,520
ID 21,430
US 7,526,026
US 7,580,459

US 7,283,071

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CN 03800518.2
ES 1,401,213
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IT 1,401,213
MX 241,604
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DE 60317585.6
ES 2294768
FR 1,742,482
GB 1,742,482
IT 1,742,482
NL 1,742,482
BE 1,742,483
CN 200710097057.8
CN 200710097058.2
CZ 1,742,483
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AT 1,965,590

BE 1,965,590

CH 1,965,590

DE 60329873

ES 1,965,590

FI 1,965,590

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SE 1,965,590

US 7,327,788

US 7,362,807

AU 2003201906

CN 03800055.5

ID 20,478

MX 258,980

US 7,394,853

AU 2003236034

US 7,411,526

US 7,492,952

US 7,505,518

US 7,515,635

US 7,542,510

BE 1,387,585

CA 2,428,081

CZ 1,387,585

DE 60203492.2

DK 1,387,585

ES 2,238,593

FI 1,387,585

FR 1,387,585

GB 1,387,585

ID 22337

IE 1,387,585

IT TO2005B070288

MX 239,386

NL 1,387,585

SE 1,387,585

TR 200502315T4

AT 1,406,451
AU 2003281129
CZ 1,406,451
DE 60310842.3
DK 1,406,451
ES 1,406,451
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FR 1,406,451
GB 1,406,451
HU 1,406,451
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IE 1,406,451
IT 1,406,451
MX 246,993
MY 135,048
NL 1,406,451
RO 1,406,451
SE 1,406,451
SI 1,406,451
TR 1,406,451
TW 280,058

AU 2003235171
CN 3800594.8
CN 200710097056.3
DE 60311734.1
ES 1,424,856
FR 1,424,856
GB 1,424,856
IT 1,424,856
MX 252,184
NL 1,424,856

DE 60325691.0
ES 1,450,565
FR 1,450,565
GB 1,450,565
IT 1,450,565
NL 1,450,565

CH 1,452,039
DE 60230666.3
ES 2,318,055
FR 1,452,039
GB 1,452,039
IT TO2009B068457
LI 1,452,039
MX 264205
NL 1,452,039

AU 2003227248
CN 03801158.1
CZ 1,478,188
DE 60302652.4
DK 1,478,188
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FI 1,478,188
FR 1,478,188
GB 1,478,188
HU E000227
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IT TO200668156
MX 238,917
MY 135,378
NL 1,478,188
PT 1,478,188
RO 1,478,188
SE 1,478,188
SI 1,478,188
TR 200600624T4
TW I 281,352

AT 382242
AU 2003236033
DE 60318307.7
ES 2297187
FR 1,496,706
GB 1,496,706
ID 023559
IT 1,496,706
MX 254614
MY 135697
NL 1,496,706
SE 1,496,706
TR 200800451
TW I 276,359

CN 03800519.0
DE 60320243.8
ES 1,499,133
FI 1,499,133
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ID 20546
IT 1,499,133
MX 239456
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NL 1,499,133
TR 1,499,133

DE 60214248.2
ES 1,515,567
FR 1,515,567
GB 1,515,567
GR 20060403642
IT TO2006B073836
NL 1,515,567
SE 1,515,567
TR 2006 06449 T4

CH 1,596,608
CN 200610168488.4
DE 60311530.6
DK 1,596,608
ES 1,596,608
FI 1,596,608
FR 1,596,608
GB 1,596,608
HU 1,596,608
IT 1,596,608
LI 1,596,608
MX 261423
NL 1,596,608
RO 1,596,608
SE 1,596,608

AT 1,739,972
BE 1,739,972
CH 1,739,972
CN 03800473.9
CZ 1,739,972
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ES 1,739,972
FR 1,739,972
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SE 1,739,972

DE 60322277.3
ES 1,739,973
FR 1,739,973
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IT 1,739,973
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BE 1,742,479
CH 1,742,479
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DK 1,742,479
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FR 1,742,479
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IT 1,742,479
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PT 1,742,479
SI 1,742,479

AT 413,067
BE 1,742,480
CH 1,742,480
CZ 1,742,480
DE 60324480.7
ES 2,317,444
FI 1,742,480
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GB 1,742,480
GR 3,067,753
HU 1,742,480
IT MI2009B019817
LI 1,742,480
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RO 1,742,480
SE 1,742,480
TR 200808725

DE 60329239
ES 1,742,481
FR 1,742,481
GB 1,742,481
IT 1,742,481
NL 1,742,481

CN 200610107553.2

DE 60318757.9

ES 2299170

FR 1,765,018

GB 1,765,018

IT 1,765,018

NL 1,765,018

DE 60318758

ES 1,765,019

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GB 1,765,019

IT 1,765,019

NL 1,765,019

JP 2,794,899¹²

JP 3,234,807

JP 3,735,244

MY 124,128

JP 3,756,475

CN 200510113597.1

JP 3,769,534

CN 02804269.7

ID 18,408

ID 21,414

JP 3,824,268

AU 2003234762

CN 3800792.4

MX 243,908

TW I 272,013

¹² Expires May 8, 2010

JP 3,878,591
AU 2003268763
MX 257,815
MY 135,215
TW 280,781

JP 3,884,472

JP 4,009,650
AU 2002347635
ID 22105

JP 4,090,862

JP 4,091,074

JP 4,091,107

JP 4,091,108

JP 4,100,552

JP 4,114,859

JP 4,119,269

JP 4,125,739

JP 4,130,780
JP 4,130,783
MX 264923

JP 4,142,929

JP 4,150,742
MX 240027

JP 4,158,985

JP 4,158,986

JP 4,158,993

JP 4,158,994

JP 4,158,996

JP 4,158,998

JP 4,178,088

CN 03802113.7

MX 263771

TW 283134

JP 4,185,106

JP 4,185,560

JP 4,185,561

JP 4,185,563

JP 4,185,564

JP 4,197,262

JP 4,197,345

JP 4,215,197

JP 4,275,719

JP 4,355,156

JP 4,382,864

KR 656,296

KR 736,503
AU 2005204229
CA 2,426,780
ID 19,695
IN 227014
MX 256,733

KR 766,657

KR 796,107

KR 799,412

KR 801,385

KR 804,902

KR 913,633

KR 917,521

KR 921,030

KR 921,031

KR 921,034

KR 923,379

KR 923,380

Robert Bosch GmbH

DE 3769306[†]
FR 0279053[†]
GB 0279053[†]
IT 0279053[†]
NL 0279053[†]

[†] Expired December 11, 2007

Samsung Electronics Co., Ltd.

US 5,384,849

CN 93106014.1

JP 2,728,619

KR 148,130

RU 2,072,562

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[†] Ownership of each of the patents listed under Scientific-Atlanta Vancouver Company was acquired by Scientific-Atlanta Vancouver Company as of April 29, 2007.

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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 effective as of the date listed next to that entity's name. Those licensees with an AVC Patent Portfolio License in effect *prior to* the date of withdrawal indicated next to each patent retain their license under the respective withdrawn patent *on and after* the indicated withdrawal date.

LSI Corporation (formerly LSI Logic Corporation) (withdrawn July 15, 2007)

US 7,020,200 (withdrawn 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 *prior to* the date of removal indicated next to each patent retain their license under the respective removed patent *on and after* the indicated removal date.

LG Electronics Inc.

US 6,862,043 removed effective December 5, 2008