

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 7,586,924

US 7,599,435

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/LI 1,467,491
CZ 1,467,491
DE 50306371.1
DK 1,467,491
ES 1,467,491
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TR 1,467,491

AT 343,302
BE 1,487,113
CH/LI 1,487,113
CZ 1,487,113
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PT 1,550,219
RO 1,550,219
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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 4,184,389

KR 788,567

KR 788,569

KR 788,570

Hitachi, Ltd

JP 3,191,935

JP 3,303,869

Koninklijke Philips Electronics N.V.

US 4,849,812⁴

US 5,021,879⁵

⁴ Expired February 23, 2008

⁵ Expired June 3, 2008

US 5,128,758⁶
CA 2,018,031
US 5,179,442⁷
CA 2,304,917
JP 2,791,822

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

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

⁶ Expired July 6, 2009

⁷ Expires January 11, 2010

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. 40,177⁸

US Re. 40,178

US Re. 40,179

US Re. 40,180

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 7,233,621

US 7,262,886

US 7,277,593

US 7,289,682

⁸ Replaced US 6,594,400 of which it is a reissue.

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 7,486,832

US 7,492,959

US 7,492,960

US 7,496,239

US 7,499,598

US 7,558,321

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/LI 1,406,453

CY 1,406,453

CZ 1,406,453

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DK 1,406,453

EE E001131

ES 1,406,453

FI 1,406,453

FR 1,406,453

GR 3,060,991

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IE 1,406,453

IT 1,406,453

LU 1,406,453

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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
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RU 2,287,908
RU 2,319,317
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GB 2,436,981
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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
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HU E002547
IT 1,359,767

JP 4,020,789

KR 237,636

KR 251,549

KR 491,530

KR 494,828
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KR 494,829
HK 1,073,556

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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

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KR 693,670

KR 693,671

KR 721,022

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KR 857,385

AU 2004217197

KR 864,790

KR 864,791

KR 865,034

CN 03101620.0

KR 865,039

KR 881,554

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KR 901,643

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NL 1,022,333

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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/LI 1,135,934

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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 7,116,830

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 7,242,437

US 7,248,779

US 7,266,149

US 7,280,700

US 7,286,189

US 7,505,485

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

KR 578,432

CN 03124169.7

KR 839,308

KR 839,309

KR 839,311

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

US 7,408,488

US 7,518,537

JP 1,869,940⁹

JP 3,347,954

JP 3,807,342

JP 4,211,780

JP 4,326,758

KR 740,381

Nippon Telegraph and Telephone Corporation

JP 2,938,412

JP 3,866,628

NTT DOCOMO, INC.

US 7,190,289

⁹ Expired March 8, 2005

US 7,346,216

JP 3,491,001

JP 3,513,148

KR 583,552

JP 3,534,742

JP 3,679,083

KR 603,175

KR 701,810

Panasonic Corporation[†]

US Re. 35,910

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

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

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

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

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

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

US 7,095,896

US 7,305,134

US 7,308,143

US 7,308,144

US 7,308,149

US 7,126,989

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

AU 2006203176

US 7,206,347

CN 3801021.6

ID 21,001

US 7,209,520

ID 21,430

US 7,526,026

US 7,283,071

US 7,305,035
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MX 241,604
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DE 60317585.6
ES 2294768
FR 1,742,482
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DE 60318918.0
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US 7,327,788

US 7,362,807

AU 2003201906

CN 03800055.5

ID 20,478

MX 258,980

US 7,394,853

US 7,411,526

US 7,515,635

US 7,542,510

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IT TO2005B070288
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TR 200502315T4

AT 1,406,451
AU 2003281129
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DE 60325691.0
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CH/LI 1,452,039
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ES 2,318,055
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GB 1,452,039
IT TO2009B068457
NL 1,452,039

AU 2003227248
CN 03801158.1
CZ 1,478,188
DE 60302652.4
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IT TO200668156
MX 238,917
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TR 200600624T4
TW I 281,352

DE 60320243.8
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IT 1,499,133
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TR 1,499,133

DE 60214248.2
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GR 20060403642
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SE 1,515,567
TR 2006 06449 T4

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AT 413,067
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NL 1,742,480
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TR 200808725

JP 2,794,899

JP 3,234,807

JP 3,735,244

MY 124,128

JP 3,756,475

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

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

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JP 4,130,780

JP 4,130,783

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JP 4,150,742

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JP 4,158,998

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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 4,275,719

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

Robert Bosch GmbH

DE 3769306[†]

FR 0279053[†]

GB 0279053[†]

IT 0279053[†]

NL 0279053[†]

Samsung Electronics Co., Ltd.

US 5,384,849

CN 93106014.1

JP 2,728,619

KR 148,130

RU 2,072,562

[†] Expired December 11, 2007

US 5,467,086
JP 2,665,127

US 5,654,706
DE 69321781
FR 580,454
GB 580,454
HK 1,008,711
JP 3,369,422
JP 3,442,028

US 6,680,975

US 7,292,657

KR 103,834

KR 132,895

KR 147,549

KR 148,226

KR 152,017

KR 162,196

KR 166,716

KR 178,711

KR 205,293

KR 301,013
AU 717,480
RU 2,154,918
SG 70679

KR 304,660

JP 3,579,013

KR 313,870

CN 98122956.5

CN 03107665.3

CN 03107666.1

CN 03107667.X

HK 1,056,286

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HK 1,059,699

KR 335,622

KR 359,093

CN 200410054953.2

KR 375,345

KR 460,970

KR 584,549

KR 605,290

KR 584,552

CN 200410033037.0

KR 584,622

KR 622,305

KR 622,306

KR 708,202

KR 813,989

KR 846,778
CN 03801207.3
IN 203,511

CN 200410005357.5

Scientific-Atlanta Vancouver Company[†]

US 6,646,578

US 7,050,504

US 7,227,901

US 7,400,681

Sedna Patent Services, LLC

US 6,510,554

Sharp Corporation

US 7,106,795

US 7,123,655

JP 4,030,558

US 7,130,348

US 7,170,942

US 7,194,136

US 7,340,102

US 7,352,812

US 7,386,048

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

DE 60215241.0
FR 1,246,131
GB 1,246,131

DE 60313454.8
ES 1,510,078
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GB 1,510,078
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NL 1,510,078

DE 60220106.3
FR 1,596,604
GB 1,596,604

JP 2,951,861¹⁰

JP 3,078,692

JP 3,277,116

JP 3,664,626

JP 3,678,365
CA 2,454,626
CN 02819594.9
HK 1070479

JP 3,688,248
JP 3,688,283
JP 3,688,288
JP 3,714,944
JP 4,120,989

JP 3,702,178

¹⁰ Expired March 10, 2009

JP 3,710,464

JP 3,734,492
CN 03812403.3
JP 3,734,494
TW 241,532

JP 3,862,725

JP 4,067,558

KR 591,653

KR 612,785
CN 02817995.1
HK 1,070,223

KR 685,264

KR 751,670

KR 754,972

KR 785,588

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KR 811,986

KR 820,132

KR 880,305

Siemens AG

US 5,933,541

US 6,115,503

Sony Corporation

US Re. 37,222

AU 669983

US 4,864,393¹¹

US 5,510,840

US 5,539,466

CA 2,092,295

HK 1,032,871

HK 1,033,059

US 6,160,849

AT 171,831

DE 69227185

FR 573,665

GB 573,665

IT RM1998B052096

NL 573,665

AT 180,374

DE 69229229

FR 598,904

GB 598,904

IT RM1999B050448

AT 224,627

DE 69232784

FR 898,426

IT RM2002B052345

¹¹ Expired May 30, 2008

AT 209,422
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FR 907,289
IT RM2002B048140

KR 260,475

Toshiba Corporation

US 5,930,395

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US 6,408,098

US 6,571,361

US 7,321,995

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JP 4,247,306

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¹² Expires on January 17, 2010

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