

ALCATEL LUCENT

US 4,970,590
DE 68924764
FR 0374548
GB 0374548
IT 1228109¹
JP 3,011,338
SE 0374548

US 4,833,543²
DE 3785589.1[†]
FR 0230338[†]
GB 0230338[†]
IT 22728 BE/93[†]

US 5,453,790

DE 69011422
FR 0401638
GB 0401638
IT 1,230,235³
SE 0401638

BRITISH TELECOMMUNICATIONS plc

US 5,291,284
GB 0448590
JP 2,046,808

CANON INC.

US 4,982,270⁴
JP 2,674,059⁵

¹ Expired December 21, 2008

² Expired December 23, 2006

[†] Expired January 20, 2007

³ Expired June 6, 2009

⁴ Expired February 2, 2009

⁵ Expired February 9, 2008

CIF LICENSING, LLC

US 5,068,724
AT 182243
AU 627421-B2
BE 0467040
CA 2044118-6
CH/LI 0467040
DE 69131438.1
DK 0467040
ES 0467040
FR 0467040
GB 0467040
GR 0467040
HK 1013759
IE 81694
IT 0467040
NL 0467040
NO 179890-C
SE 0467040
TW NI-52990

US 5,091,782
AT 139402-T1
AU 627684-B2
BE 0451545
CA 2,038,043-C
CH/LI 0451545
DE 69120139-T2
DK 0451545 T3
ES 2088440-T3
FR 0451545
GB 0451545
GR 3020736
HK 1008410
IE 74861
IT 0451545
JP 2,795,420
KR 188423
NL 0451545
NO 178419-C
NO 178420-C
SE 0451545
TW NI-50643

US 5,093,720

COLUMBIA UNIVERSITY

US Re 35,093
CA 2,096,431-C
DE 69129595
DE 69130329
FR 0564597
FR 0630157
GB 0564597
GB 0630157
JP 2,746,749

FRANCE TELECOM R&D

US 4,796,087⁶
DE 3767919[†]
FI 86241⁷
FR 2599577⁸
GB 0248711[†]
IT 0248711[†]
SE 0248711[†]

FUJITSU

US 5,235,618
CA 2,029,320
DE 0431319
FR 0431319
GB 0431319
JP 2,787,599

⁶ Expired May 31, 2007

[†] Expired May 26, 2007

⁷ Expired May 28, 2007

⁸ Expired May 29, 2006

GE TECHNOLOGY DEVELOPMENT, INC.

US 4,706,260⁹

US 4,813,056¹⁰
DE 3855203 T2[‡]
FR 0395709[‡]
GB 0395709[‡]
HK 1,004,307[‡]
JP 2,790,509[‡]
SG 63561[‡]

US 5,426,464

US 5,486,864
CN 1,060,003
DE 69421444
ES 2,140,477
FR 0624983
GB 0624983
IT 0624983
JP 3,657,017
KR 291492
MX 188411
MY 118172-A
RU 2,115,261
SG 82528
TH 20936
TR 28291
TW NI-092150

⁹ Expired November 6, 2006

¹⁰ Expired December 7, 2007

[‡] Expired December 1, 2008

US 5,491,516
AT 167015
BR PI 9405710-9
CA 2,153,886
CN 94191176.4
DE 69410781.6
ES 2,117,252
FI 113929
FR 0679316
GB 0679316
IN 183230
IT 50123 BE 98
JP 3,510,628
KR 282981
MX 187475
MY 109889-A
PH 1-1993-47458
PT 0679316
RU 2,115,258
SE 0679316
SG 94680
SG 110033
TH 24931
TR 27398
TW NI-66422
VN 526

US 5,600,376
IN 181018

US 5,796,743
CN 94112956.X
DE P69331606.3-08
ES 732 028
FR 732 028
GB 732 028
IT 732 028
JP 3,811,183
KR 283710
MX 201309
MY 112121
PT 732 028
TH 18963
TW NI-070615

CN 01117193.6[†]
HK 1,044,090[†]
JP 3,657,200[†]
MY 128994[†]
SG 94359[†]
SG 118194[†]

GENERAL INSTRUMENT CORPORATION

US 4,394,774¹¹

US 4,698,672¹²

HITACHI, LTD.

JP 2,666,793¹³

JP 2,907,072¹⁴

JP 3,085,289

JP 3,173,508

JP 3,191,935

JP 3,265,287

JP 3,303,869

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

¹¹ Expired December 15, 1998

¹² Expired October 26, 2006

¹³ Expired December 27, 2004

¹⁴ Expired February 5, 2008

KDDI CORPORATION

JP 1,835,550¹⁵

JP 3,201,079

LG ELECTRONICS

US Re 37,057

US Re 37,568

KR 114,338

MITSUBISHI

US 4,954,892

CA 2,000,156-C

DE 68913508-T2

FR 0382892

GB 0382892

HK 1008133

IT 0382892

JP 2,100,607¹⁶

KR 58,957

SE 0382892

¹⁵ Expired March 14, 2006

¹⁶ Expired February 14, 2009

US 5,072,295
AU 625476-B2
CA 2,023,543-C
DE 69027820-T2
FI 98421-B
FR 0414193
GB 0414193
HK 1008129
IT 0414193
JP 2,128,624¹⁷
KR 77,808
NL 0414193
NO 306749
SE 0414193
SG 45452

US 5,268,846
CA 2,061,128
DE 69232184.5
FR 0508925
GB 0508925
IT MI2001B025860
JP 2,037,728

US 5,949,489
BE 0984635
CA 2,234,391
CH/LI 0984635
DE 69232993
DK 984635
ES 0984635
FI 117535
FR 0984635
GB 0984635
HK 1025864
IT 72763 BE 2002
JP 2,924,431
JP 3,127,956
NL 0984635
SE 0984635

¹⁷ Expires August 21, 2009

US 5,963,258
BE 0984636
CA 2,234,387
CH/LI 0984636
DE 69233167
DK 984636
ES 0984636
FI 117267
FR 0984636
GB 0984636
HK 1025863
IT 70264 BE 2003
NL 0984636
SE 0984636
SG 65597

US 5,970,175
NO 310,849

US 5,990,960

US 6,002,439
BE 1309202
CH/LI 1309202
DE 69233505
DK 1309202
ES 1309202
FI 117419
FR 1309202
GB 1309202
IT 1309202
NL 1309202
SE 1309202

US 6,097,759
BE 1091589
CA 2,327,489
CH/LI 1091589
DE 69233466
DK 1091589
ES 2235756
FI 117417
FR 1091589
GB 1091589
HK 1035289
IT 1091589
NL 1091589
NO 310,850
SE 1091589

US 6,188,794
BE 0825780
CH/LI 0825780
DE 69232077
DK 0825780
ES 2163074
FI 111591
FR 0825780
GB 0825780
HK 1009223
IT 0825780
NL 0825780
SE 0825780

US 6,307,973

US 7,362,805
US 7,376,184

JP 1,869,940¹⁸

JP 2,510,456¹⁹

JP 2,577,745²⁰

¹⁸ Expired March 8, 2005

¹⁹ Expired March 8, 2005

²⁰ Expired August 19, 2007

JP 2,814,819

JP 3,019,826

JP 2,924,430

CA 2,065,803

NO 307200

SG 64870

JP 3,019,827

NIPPON TELEGRAPH AND TELEPHONE CORPORATION (NTT)

JP 1,939,084²¹

JP 2,562,499²²

PANASONIC CORPORATION[†]

US Re 35,910

AU 612543-B2

CA 2,016,523-C

CH/LI 0397402

DE 69027710

ES 2091790

FR 0397402

GB 0397402

IT 0397402

JP 1,949,701²³

JP 2,695,244²⁴

KR 63,477

NL 0397402

SE 0397402

US Re 36,015

US Re 36,507

²¹ Expired August 5, 2005

²² Expired May 29, 2009

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

²³ Expired June 26, 2009

²⁴ Expired June 29, 2009

US Re 39,276
US Re 39,278
US Re 39,280
BE 0541389
DE 69225863.9
FR 0541389
GB 0541389
NL 0541389
SE 0541389

US 5,223,949

US 5,412,430
FR 0526163
GB 0526163
JP 2,699,703
NL 0526163

US 5,784,107
DE 69330903
FR 599,529
GB 599,529
IT 599,529
JP 2,684,941
NL 599,529

JP 2,524,044

JP 2,794,899

JP 2,828,095²⁵

JP 2,882,161

JP 2,899,478

JP 2,938,677

²⁵ Expired June 29, 2009

JP 3,186,685
AU 637,289
CA 2,082,280
KR 92,086

JP 3,265,290

JP 3,548,731

JP 3,809,117

JP 3,809,119

JP 3,809,120

JP 3,809,121

PHILIPS

US 4,849,812²⁶
CN 1013425-B²⁷
DE 3871998-T2[†]
FR 0282135-B[†]
GB 0282135-B[†]
IT 0282135-B[†]
JP 2,534,534-B2²⁸
KR 9700364-B1
TW 29492-B²⁹

²⁶ Expired February 23, 2008

²⁷ Expired March 7, 2008

[†] Expired March 4, 2008

²⁸ Expired March 3, 2008

²⁹ Expired June 26, 2007

US 4,901,075[†]
AT 260748-B[†]
CN 1011459B³⁰
DE 3750206-C0[†]
FR 0260748-B[†]
GB 0260748-B[†]
IT 0260748-B[†]
JP 2,711,665³¹
KR 118698
NL 0260748-B[†]
SE 0260748-B[†]
TW 35350-B³²

US 5,021,879³³
DE 3855114-B[‡]
FR 0290085-B[‡]
GB 0290085-B[‡]
JP 2,630,809-B³⁴

[†] Expired September 10, 2007

³⁰ Expired September 12, 2007

³¹ Expired September 14, 2007

³² Expired September 22, 2007

³³ Expired June 3, 2008

[‡] Expired April 27, 2008

³⁴ Expired May 6, 2008

US 5,027,206³⁵
AT 131335³⁶
AU 634173-B³⁷
BE 0359334-B³⁸
CH/LI 0359334-B³⁹
CN 1018695-B⁴⁰
DE 68925011-B⁴¹
ES 0359334-B⁴²
FI 92127⁴³
FR 0359334⁴⁴
GB 0359334-B⁴⁵
GR 0359334-B⁴⁶
HK 96-1695-B⁴⁷
IT 0359334-B⁴⁸
JP 2,961,131⁴⁹
KR 153275
LU 0359334⁵⁰
NL 0359334⁵¹
SE 0359334⁵²
SG 9692026⁵³

US 5,128,758⁵⁴
CA 2,018,031
JP 2,791,822
MX 172405-B

³⁵ Expires September 12, 2009
³⁶ Expires September 11, 2009
³⁷ Expires September 14, 2009
³⁸ Expires September 11, 2009
³⁹ Expires September 11, 2009
⁴⁰ Expires September 13, 2009
⁴¹ Expires September 11, 2009
⁴² Expires September 11, 2009
⁴³ Expires September 13, 2009
⁴⁴ Expires September 11, 2009
⁴⁵ Expires September 11, 2009
⁴⁶ Expires September 11, 2009
⁴⁷ Expires September 11, 2009
⁴⁸ Expires September 11, 2009
⁴⁹ Expires September 14, 2009
⁵⁰ Expires September 11, 2009
⁵¹ Expires September 11, 2009
⁵² Expires September 11, 2009
⁵³ Expires September 11, 2009
⁵⁴ Expires July 6, 2009

US 5,179,442
CA 2,304,917

US 5,333,135
CA 2,114,182
DE 69415698
FR 0609936
GB 0609936
KR 290326
MX 185421

US 5,606,539
AT 157830-B
BE 0460751-B
DE 69127504-B
DK 0460751-B
FR 0460751-B
GB 0460751-B
IT 0460751-B
JP 3,162,110
KR 239837
NL 0460751-B
SE 0460751-B

US 5,608,697

US 5,699,476
AU 641726
CA 2,036,585
DE 69109346.6
DK 0443676
FI 101442
FR 0443676
GB 0443676
HK 96-615
IT 0443676
JP 3,174,586
NL 0443676
SE 0443676
SG 9690467.7

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

US 5,844,867

US 6,792,001
DE 69531223.5
FR 0700610
GB 0700610

ROBERT BOSCH GMBH

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

SAMSUNG ELECTRONICS CO., LTD.

US 5,461,421
JP 3,159,853
KR 0166722

US 5,467,086
JP 2,665,127
KR 166716

US 5,654,706
DE 69321781
FR 0580454
GB 0580454
HK 1008711
JP 3,369,422
JP 3,442,028
KR 95,631

US 6,680,975

US 7,292,657

KR 100,718

[†] Expired December 11, 2007

KR 132,895

KR 166,715

SANYO ELECTRIC CO., LTD.

JP 2,812,446

SCIENTIFIC-ATLANTA LLC[†]

US 5,418,782

AU 683134

CA 2,180,363

JP 2,940,638

MX 190,776

US 5,420,866

AU 687844

CA 2,186,368

JP 2,940,639

US 5,457,701

AU 680680

CA 2,180,342

JP 2,937,301

SHARP CORPORATION

JP 2,951,861⁵⁵

[†] Name change from Scientific-Atlanta, Inc., effective January 1, 2009.

⁵⁵ Expired March 10, 2009

SONY

US Re 37,222
AU 669,983
DE 69031107
DE 69033782
FR 0424026
FR 0713340
GB 0424026
GB 0713340
JP 3,159,310

US 4,864,393⁵⁶
DE 3854171-T2⁵⁷
GB 2205710-B2⁵⁸
KR 141,705

US 5,191,436
DE 69127224
DE 69132783
FR 0456433
FR 0730376
GB 0456433
GB 0730376
HK 1,014,415
HK 1,023,032
JP 2,874,745
JP 2,877,225
JP 2,969,782
KR 221,889

US 5,291,486
GB 2289194-B2
GB 2289195-B2
JP 3,009,073
SG 97743

⁵⁶ Expired May 30, 2008

⁵⁷ Expired May 19, 2008

⁵⁸ Expired December 4, 2007

US 5,298,991
DE 69229153
FR 0527011
GB 0527011
HK 1013570

US 5,343,248
JP 2,977,104

US 5,428,396

US 5,461,420
AU 672812
CN 1,043,945
CN 1,143,545
JP 3,465,660
JP 3,531,594
KR 297,654

US 5,481,553
AT 185663
AT 0903944
AU 673244-B2
BE 0638218
BE 0903944
BF 10108
BJ 10108
BR 9404321-1
CA 2,134,444
CF 10108
CG 10108
CH/LI 0638218
CH/LI 0903944
CI 10108
CM 10108
CN 1,076,935
DE 69421135
DE 69433272
DK 0638218
DK 0903944
EG 20330
ES 2,137,358
ES 0903944
FR 0638218

FR 0903944
GA 10108
GB 0638218
GB 0903944
GN 10108
GR 3,032,133
GR 20040400044
GW 10108
HK 1,013,575
HU 217744
IE 0638218
IE 0903944
IL 108787
IN 188,824
IT 0638218
IT 0903944
JP 3,593,988
JP 3,610,578
KR 287490
LU 0638218
LU 0903944
MC 0638218
MC 0903944
ML 10108
MR 10108
MX 197,778
MY 110794
NE 10108
NL 0638218
NL 0903944
NZ 261907-B
PL 173287
PT 0638218
PT 0903944
RU 2,119,727
SE 0638218
SE 0903944
SN 10108
TD 10108
TG 10108
TR 28436-B
TW 66605-B

US 5,510,840
AT 0573665
DE 69227185
FR 0573665
GB 0573665
IT 0573665
JP 3,331,351
JP 3,449,370
KR 260,475
NL 0573665

US 5,539,466
AT 0598904
AT 209422
AT 224627
AU 662548-B2
CA 2,092,295
DE 69229229
DE 69232357.0
DE 69232784.3
FR 0598904
FR 0898426
FR 0907289
GB 0598904
GB 1047270
GB 1049335
HK 1,032,871
HK 1,033,059
IT 0598904
IT 48140 BE 2002
IT 52345 BE 2002
JP 3,381,167
KR 233,764
KR 272,812

US 5,543,847
JP 3,356,413
JP 3,358,835
KR 265,193

US 5,559,557
AU 669209-B2
CN 1,056,716
DE 69328472
ES 2145059
FR 0614592
GB 0614592
HK 1,013,573
IT 50048 BE/2000
JP 3,348,310
JP 3,348,356
KR 289,586
NL 0614592

US 5,663,763
AU 667970
CA 2,108,704
CN 1,054,486
DE 69324993.5
FR 0595562
GB 0595562
IT 0595562
KR 335,707
NL 0595562

US 5,666,461
AT 191598
AU 670288
CN 1,053,780
DE 69328277
ES 2145031
FR 0577365
GB 0577365
IT 48907 BE/2000
JP 3,257,052
KR 345,968
MY 109,945
NL 0577365
TW 70,497

US 5,701,164
AT 204691
AU 673,250
BE 0651574
CA 2,118,118
CH/LI 0651574
CN 94190140.8
DE 69428019
DK 0651574
ES 2159553
FR 0651574
GB 0651574
GR 3037281
IE 0651574
IT 50176 BE/2000
KR 308,099
LU 0651574
MC 0651574
NL 0651574
PT 0651574
SE 0651574

US 5,946,042
AU 700,535
JP 3,614,159

US 5,982,437

US 6,040,863
JP 3,614,160

US 6,160,849

JP 2,712,645
CA 2,027,659
KR 233,419

JP 3,257,643

JP 3,496,926

THOMSON LICENSING

US 4,800,432⁵⁹

US 4,969,055⁶⁰

AT 46238 E[†]

BE 0197126[†]

CA 1,285,064⁶¹

CH/LI 0197126[†]

DE 3572907⁶²

DK 166597[†]

FI 82166[†]

FR 0197126[†]

GB 0197126[†]

HK 42/91[†]

IT 23955 BE 89[†]

LU 0197126[†]

NL 0197126[†]

NO 169419[†]

SE 0197126[†]

SG 9091016-7[†]

US 5,289,276

CA 2,136,616

CN 1051429C

FI 112147

JP 3,267,620

KR 289559

MX 181083

SG 93764

⁵⁹ Expired October 23, 2006

⁶⁰ Expired November 5, 2007

[†] Expired October 1, 2005

⁶¹ Expired June 18, 2008

⁶² Lapsed effective July 4, 2001

US 5,365,272
CA 2,387,254
DE 69332916
ES 0844792
FI 117266
FI 117844
FR 0844792
GB 0844792
IT 0844792
JP 3,507,766
PT 0844792
SG 133401

US 5,381,181
BR PI 9401963-0
CN 1087559C
CN 1236620C
CN 1253007C
CN 100488255
DE 69426711
ES 2154275
FR 0624982
GB 0624982
HK 1063403
HK 1063404
IT 0624982
JP 3,645,286
JP 4,201,743
JP 4,208,089
KR 338222
MX 188237
MY 111265-A
RU 2,117,411
SG 73957
TR 29198
TW NI-083282

US 5,422,676
AT 140356 E
BE 0608231
CA 2,108,778
CA 2,328,581
CH/LI 0608231
DE 59206755
ES 2090628 T3
FR 0608231
GB 0608231
HK 2088/96
IT 25254 BE 96
JP 3,093,266
KR 333229
LU 0608231
NL 0608231
SG 50678

US 5,442,400

US 5,459,789
BR PI 9501751-8
CA 2,145,904
CN 1,106,745
CN 1,222,168
CN 100493168
DE 69516752
ES 2145173 T3
FR 0679030
GB 0679030
IT 49759 BE 2000
JP 3,561,326
KR 330267
KR 357506
MX 186399
MY 112768-A
PH 1-1995-50216
RU 2,154,353
SG 30349
TH 17310
TR 28866
TW NI-68881
VN 600⁶³

US 5,483,287
CA 2306971
CN 1055594
DE 69333982
ES 1,263,234
FR 1,263,234
GB 1,263,234
IT 1,263,234
JP 3,572,067
KR 284396
PT 1,263,234
SG 134972

US 5,565,923
MX 198312
RU 2,198,469

⁶³ Expired April 22, 2009

US 5,784,110
CN 1099808C
CN 1196331
KR 327684
MY 118734-A
TW NI-070435

US 7,020,204

US 7,334,248
CA 2,387,154
CN 100377594
HK 1059522
JP 4,122,370
JP 4,316,008
KR 400800

DE 3851068[†]
FR 0276985[†]
GB 0276985[†]
HK 821/96[†]
IT 0276985[†]
SG 9690226-7[†]

JP 3,040,410[‡]
JP 3,469,232[‡]
KR 135,635

JP 3,258,984[‡]

JP 3,761,525⁶⁴

TOSHIBA CORPORATION

US 5,317,397
JP 2,883,585

US 5,424,779
JP 2,755,851

[†] Expired January 26, 2008

[‡] Expired December 30, 2008

⁶⁴ Expired December 1, 2008

US 5,467,136
JP 2,758,378

US 5,742,344
JP 2,883,592

US 5,986,713

VICTOR COMPANY OF JAPAN, LIMITED (JVC)

US Re 34,965
DE 69024235
DE 69030819
FR 0379217-B
FR 0572046-B
GB 0379217-B
GB 0572046-B
HK 1001182
HK 1001183
JP 2,072,546⁶⁵
JP 2,530,217⁶⁶

US Re 35,158
DE 69031045
FR 0584840-B
GB 0584840-B
HK 1000538
JP 2,137,325⁶⁷
NL 0584840-B

US Re 36,822
JP 2,962,012

US 5,103,307

⁶⁵ Expired February 14, 2009

⁶⁶ Expired January 20, 2009

⁶⁷ Expired April 27, 2009

US 5,175,618
DE 69123705
DE 69131257
FR 0484140-B
FR 0683615
GB 0484140-B
GB 0683615
HK 1000752
HK 1000794
JP 2,830,881
JP 2,921,755
KR 94554

JP 2,722,933

JP 2,808,860

Addendum of Patents Removed From Attachment 1

GENERAL INSTRUMENT

DE	P3789273.8	removed as of October 1, 1999
FR	0266049	removed as of October 1, 1999
GB	0266049	removed as of October 1, 1999
IT	0266049	removed as of October 1, 1999

SONY

GB	2289196	removed as of October 1, 1999
GB	2259229	removed as of October 1, 1999

VICTOR COMPANY OF JAPAN, LIMITED (JVC)

DE	69012405	removed as of October 1, 1999
FR	0395440-B	removed as of October 1, 1999
GB	0395440-B	removed as of October 1, 1999
NL	0395440-B	removed as of October 1, 1999