

07-09-2007

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

REC



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103424234

To the Honorable Commissioner of Patents

original documents or copy thereof.

1. Name of conveying party(ies):

Lucent Technologies Inc.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

Execution Date: Jan. 30, 2001

2. Name and address of receiving party(ies):

Name: **Agere Systems Inc.**

Internal Address: _____

Street Address: **1110 American Parkway NE**

City: **Allentown** State: **PA** Zip: **18109 USA**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s) Filed on

B. Patent No. (s) 6,028,756; 5,559,458; 5,999,454; 6,965,974; 6,076,136; 6,535,948; 6,072,210; 6,539,488; 6,725,305; 6,065,032; 6,275,842; 6,279,066

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Docket Administrator**
Agere Systems Inc.

Internal Address: **Room 4U-533C**

Street Address: **400 Connell Drive**

City: **Berkeley Heights,**

State: **New Jersey,** Zip: **07922-2747**

6. Total number of applications and patents involved: **12**

7. Total fee (37 CFR 3.41) \$ **\$480.00**

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: **50-1735**

(Attach duplicate copy of this page if paying by deposit account)

9. Signature: *David L. Smith*

Signature

David L. Smith

Name of Person Signing

Date

Total number of pages including cover sheet, attachments, and document: **18**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, Virginia 22313-1450

07/06/2007 MJAMA1 00000131 501735 6028756

01 FC:8021

480.00 DA

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents, Alexandria, VA 22313-1450
on: 6/29/07

Date of Deposit

Signature

PATENT

REEL: 019529 FRAME: 0767

PATENT ASSIGNMENT

by and between

LUCENT TECHNOLOGIES INC.

and

AGERE SYSTEMS GUARDIAN CORP.

Dated as of January 30, 2001

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Assignment"), effective as of January 30, 2001 (the "Effective Date"), is by and between Lucent Technologies Inc., a Delaware corporation, with offices at 600 Mountain Avenue, Murray Hill, New Jersey 07974, United States of America, ("ASSIGNOR") and Agere Systems Guardian Corp., a Delaware corporation, with offices at 555 Union Boulevard, Allentown, PA 18109, United States of America ("Agere Systems Guardian").

RECITALS

A. WHEREAS, the Board of Directors of ASSIGNOR has determined that it is in the best interests of ASSIGNOR and its stockholders to separate ASSIGNOR's existing businesses into two independent businesses;

B. WHEREAS, ASSIGNOR presently owns or controls certain patents, patent applications, and invention submissions listed in the attached Appendices A and B (hereinafter "TRANSFERRED PATENTS") and;

C. WHEREAS, in furtherance of the foregoing separation, ASSIGNOR desires to transfer, assign, convey, deliver and vest all of its interests and rights in TRANSFERRED PATENTS for all countries, jurisdictions and political entities of the world, to and in Agere Systems Guardian;

NOW, THEREFORE, in consideration of the premises and for other good and valid consideration, the receipt and sufficiency of which are hereby acknowledged, the parties, intending to be legally bound, agree as follows:

ASSIGNOR, subject to existing rights and licenses of third parties, does hereby assign, convey, transfer and deliver, and agrees to assign, convey, transfer and deliver to Agere Systems Guardian, its successors, assigns and legal representatives or nominees, ASSIGNOR's entire right, title and interest, for all countries, jurisdictions and political entities of the world, along with the right to sue for past infringement, to all TRANSFERRED PATENTS listed on Appendices A and B, and corresponding counterpart foreign patents and patent applications, with respect to which, and to the extent to which, ASSIGNOR now has or hereafter acquires the right to so assign, convey, transfer and deliver. Agere Systems Guardian recognizes that ASSIGNOR holds only bare legal title to the TRANSFERRED PATENTS listed in Appendix A (which lists the United States Patents and patent applications previously exclusively licensed to Lucent Technologies Microelectronics Guardian Corp.).

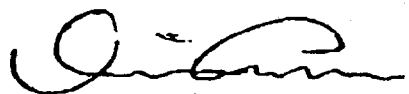
ASSIGNOR and ASSIGNEE recognize that the patents listed in Appendices A and B may inadvertently include patents that are owned by various subsidiaries of ASSIGNOR, including Agere, Inc., Ortel Corporation, Optimay Corporation, Herrmann Technology, Inc., and Enable Semiconductor, Inc. Ownership of such patents shall not be affected by this Patent

Assignment, and ASSIGNEE agrees that any such patents shall be deemed deleted from Appendices A and B.

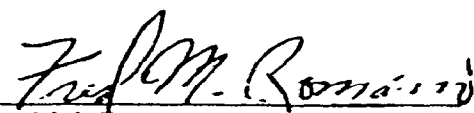
ASSIGNOR agrees that, upon request it will, at any time without charge to Agere Systems Guardian, but at Agere Systems Guardian's expense, furnish all necessary documentation relating to or supporting chain of title, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for vesting title to TRANSFERRED PATENTS in Agere Systems Guardian, its successors, assigns and legal representatives or nominees; including but not limited to any acts which may be necessary, desirable or convenient for claiming said rights and for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in Agere Systems Guardian and its respective successors, assigns and legal representatives or nominees.

IN WITNESS WHEREOF, the parties have caused this PATENT ASSIGNMENT to be executed by their duly authorized representatives as of the Effective Date.

LUCENT TECHNOLOGIES INC.

By: 
Daniel P. McCurdy
President, Intellectual Property Business

AGERE SYSTEMS GUARDIAN CORP.

By: 
Fred M. Romano
President

ACKNOWLEDGMENTS

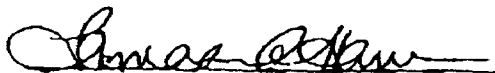
STATE OF NEW JERSEY)

: ss:

COUNTY OF SOMERSET)

I CERTIFY that on January 30, 2001, Daniel P. McCurdy personally came before me and this person acknowledged under oath, to my satisfaction that:

- a.) this person signed, sealed and delivered the attached Patent Assignment as President - Intellectual Property Business of Lucent Technologies Inc.; and
- b.) this Patent Assignment was signed and made by Lucent Technologies Inc. as its voluntary act and deed by virtue of authority from its Board of Directors.



Name

Notary Public

My Commission Expires

[Notarial Seal]

TAMORA ANNE HANNA

Notary Public of New Jersey

Registered in Hunterdon County

My Commission Expires March 25, 2002

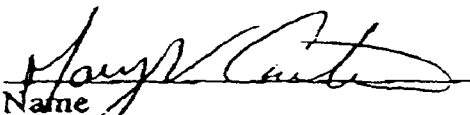
STATE OF FLORIDA)

: ss:

COUNTY OF ORANGE)

I CERTIFY that on January 31, 2001, Fred M. Romano personally came before me and this person acknowledged under oath, to my satisfaction that:

- a.) this person signed, sealed and delivered the attached Patent Assignment as Vice President of Agere Systems Guardian Corp.; and
- b.) this Patent Assignment was signed and made by Agere Systems Guardian Corp. as its voluntary act and deed by virtue of authority from its Board of Directors.

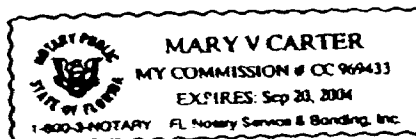


Name

Notary Public

My Commission Expires:

[Notarial Seal]



PATENT

REEL: 019529 FRAME: 0772

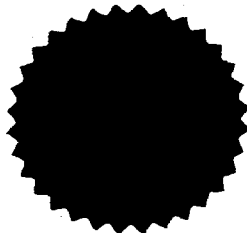
The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"AGERE SYSTEMS GUARDIAN CORP.", A DELAWARE CORPORATION,
WITH AND INTO "AGERE SYSTEMS INC." UNDER THE NAME OF "AGERE SYSTEMS INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-NINTH DAY OF AUGUST, A.D. 2002, AT 9 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF AUGUST, A.D. 2002.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

3268412 8100M

AUTHENTICATION: 1959517

020545223

DATE: 08-29-02

CERTIFICATE OF OWNERSHIP AND MERGER

OF

**Agere Systems Guardian Corp.
(a Delaware corporation)**

INTO

**Agere Systems Inc.
(a Delaware corporation)**

**UNDER SECTION 253 OF THE GENERAL
CORPORATION LAW OF THE STATE OF DELAWARE**

Agere Systems Inc., a corporation organized and existing under the laws of Delaware ("Corporation"), DOES HEREBY CERTIFY:

FIRST: The Corporation is the owner of all of the outstanding shares of common stock of Agere Systems Guardian Corp., which is also a business corporation of the State of Delaware.

SECOND: On August 22, 2002 the Subsidiary Governance Committee of the Board of Directors of the Corporation adopted the following resolution to merge Agere Systems Guardian Corp. into the Corporation:

RESOLVED that Agere Systems Guardian Corp., a Delaware corporation, shall be merged with and into Agere Systems Inc., a Delaware corporation, with Agere Systems Inc. being the surviving corporation, and Agere Systems Inc. shall thereupon assume all of the obligations of Agere Systems Guardian Corp."

THIRD: That the merger authorized hereby shall become effective as of 9:00 a.m. Eastern Standard Time on August 31, 2002.

Executed on August 22, 2002

AGERE SYSTEMS INC.

By Paul Bento
Paul Bento, Vice President

APPENDIX A (continued)
Transferred Patents – (Transfer of bare legal title)

Case Name	Filing Date	Issue Date	Patent No.
Feygenson 2	10/20/1987	4/4/1989	4818713
Feygenson 6	8/24/1988	8/22/1989	4860085
Fiering 1-23-18	6/29/1993	2/21/1995	5391269
Filas 7-18-42	9/11/1992	6/8/1993	5217811
Finegan 1-8-3-1	6/19/1981	5/31/1983	4385946
Fiory 5	4/2/1993	4/19/1994	5305416
Fiory 6	4/14/1994	8/15/1995	5442727
Fiory 7	4/7/1995	4/29/1997	5624590
Fisanick 2-1-1	4/29/1985	1/13/1987	4636403
Fisanick 8-10-8	5/28/1992	7/27/1993	5230970
Fischer 1-24	12/2/1994	3/26/1996	5502407
Fischer 14-3-3	2/26/1998	1/4/2000	6011733
Fischer 2	9/17/1992	4/5/1994	5300837
Fischer 3	8/12/1987	8/1/1989	4853758
Fischer 4	6/3/1994	7/27/1999	5929666
Fischer 5-17-4-2	8/20/1990	11/19/1991	5066998
Fischer 6-25-7-3	9/6/1991	2/9/1993	5185291
Fischer 8-14	11/1/1996	3/30/1999	5889419
Fishburn 2-1-2-1-1-1	5/1/1995	5/27/1997	5633807
Fishburn 3-3	11/26/1996	11/24/1998	5841333
Fisher 1	3/15/1982	11/1/1983	4412642
Fisher 2	12/22/1994	8/13/1996	5546068
Fisher 3-8-2	5/14/1997	9/1/1998	5802268
Flamm 12-5-1	12/28/1988	4/17/1990	4918031
Fleischer 7-1-4	3/11/1983	1/8/1985	4492935
Fleming 1-17-42-125-22	5/1/1989	9/10/1991	5047369
Fleming 3-6-24	5/23/1997	11/2/1999	5977582
Focht 2-13-42	11/28/1983	7/15/1986	4599791
Foo 14-11	11/3/1994	4/1/1997	5616518
Foo 4-46-3	11/30/1989	10/15/1991	5057455
Foo 6-7-18	7/19/1990	6/9/1992	5120680
Foo 9-19-2-7	4/11/1991	6/23/1992	5124014
Forrest 4-9-15-12	6/18/1982	4/16/1985	4511445
Forrest 5-15-2	9/10/1982	11/8/1983	4414066
Fox 1-12	2/25/1981	10/25/1983	4412327
Francis 1	11/24/1980	1/25/1983	4370525
Franey 4-2	7/27/1990	10/13/1992	5154886
Frank 2-5-2-8-2	8/4/1995	4/22/1997	5622895
Frankenthal 6-3-5	10/20/1993	10/18/1994	5356526
Franzo 2	1/22/1993	4/19/1994	5305443
Fraser 17-5	8/18/1980	6/29/1982	4337476
Fraser 18-2-15	1/19/1981	12/7/1982	4362597
Fraser 19-1	6/11/1981	10/4/1983	4407933
Fraser 20	4/26/1982	8/30/1983	4400867
Fratti 1	12/21/1994	10/15/1996	5565823
Frei 1-12-12-11-12	5/9/1997	6/16/1998	5767561
Frey 1-1	5/19/1992	5/18/1993	5212457
Freyman 10-3	12/27/1996	4/28/1998	5745427
Freyman 12-4-3-3-2	3/11/1998	2/22/2000	6028756
Freyman 3-2	7/29/1982	10/8/1985	4546276
Freyman 5	9/21/1990	1/14/1992	5081377
Freyman 6-1-3	3/30/1995	9/2/1997	5663677
Freyman 7-2-2-1-1	6/7/1995	7/8/1997	5646451
Freyman 8-1-6	11/26/1996	9/1/1998	5801558
Freyman 9-1	7/2/1996	10/27/1998	5828251
Friedman 1-1-1-1	2/3/1992	8/31/1993	5240866
Frisch 1-3-2-1	9/14/1984	6/6/1989	4837129

APPENDIX A (continued)
Transferred Patents – (Transfer of bare legal title)

Case Name	Filing Date	Issue Date	Patent No.
Hillenius 13-51-8-4-24	9/14/1993	12/13/1994	5373180
Hillenius 14	9/27/1995	6/24/1997	5642014
Hillenius 1-6	4/17/1984	11/26/1985	4554726
Hillenius 2-34-2	3/2/1987	4/25/1989	4825278
Hillenius 6-12-8-2	10/12/1989	6/19/1990	4935376
Hillenius 8-8-5-47	4/26/1990	11/5/1991	5063422
Hills 10-6-1	12/28/1989	6/25/1991	5026666
Hills 17	6/14/1995	6/15/1999	5913148
Hinch 2	3/31/1983	2/10/1987	4642755
Hobson 9-16-7-5-23	10/10/1997	6/15/1999	5912498
Holbrook 2-2	7/1/1981	10/5/1982	4352835
Holder 1-9-2	2/8/1985	3/10/1987	4649523
Holder 4	7/25/1997	4/6/1999	5892729
Holler 1-2	12/8/1992	5/16/1995	5416446
Holler 2	5/11/1995	9/24/1996	5559458
Holschwandner 4-11	4/30/1990	7/13/1993	5227335
Hong 17-14-16	6/8/1998	10/5/1999	5962883
Houck 1-9	12/13/1988	7/3/1990	4939775
Houlihan 12-8-24-1	2/21/1997	12/1/1998	5843624
Houlihan 18-14-3	5/22/1998	12/7/1999	5998099
Houlihan 2-14-24	2/24/1989	2/26/1991	4996136
Houlihan 3-1-15	8/9/1990	8/4/1992	5135838
Houlihan 5-4-18	1/24/1992	4/6/1993	5200544
Hower 1-1-2	12/30/1994	1/27/1998	5712193
Hower 3-13	1/29/1997	12/23/1997	5700725
Hsue 1-1	1/29/1988	6/20/1989	4841240
Hsue 3	2/26/1993	2/21/1995	5392293
Huang 1-1-1-2-1-17-1	9/22/1997	9/7/1999	5950096
Huang 3	12/11/1995	3/11/1997	5610931
Huffman 1	12/23/1983	9/8/1987	4692895
Hunt 5-1-24-38	3/23/1994	9/19/1995	5451548
Huseman 1	12/14/1995	1/5/1999	5855280
Huttemann 4-5	11/9/1988	1/1/1991	4981550
Hutton 3-29-2	2/17/1995	1/30/1996	5487967
Hwang 1	12/5/1986	9/12/1989	4866656
Hwang 2	12/11/1987	7/25/1989	4851714
Hwang 3	5/7/1982	1/15/1985	4493142
Hwang 3	2/16/1988	8/15/1989	4858168
Hwang 4	10/18/1982	4/30/1985	4514250
Ibbotson 10-5-7	11/7/1995	8/5/1997	5654903
Ibbotson 3-6	4/26/1985	8/25/1987	4689115
Ibbotson 9-2-1-5	5/19/1995	8/5/1997	5653894
Im 7-3-31	7/28/1995	7/8/1997	5646957
Inglis 1-3	12/22/1992	10/10/1995	5457414
Ingram 1-2	11/28/1980	5/25/1982	4331831
Jackson 1-3	12/13/1994	2/10/1998	5717720
Jackson 6-2	3/29/1990	8/13/1991	5039653
Jalali-Farahani 8-10	3/4/1996	11/10/1998	5834800
Jalali-Farahani 9-11	3/4/1996	4/15/1997	5620907
Jankoski 2-5	11/30/1994	8/27/1996	5549512
Jarwala 9-11	2/5/1996	9/30/1997	5673276
Jerde 2-1-2-1	3/29/1984	1/1/1985	4491499
Jewell 1-27	7/26/1988	8/7/1990	4947413
Jewell 3-2	5/30/1990	11/5/1991	5063586
Jewell 5-2	7/19/1991	5/24/1994	5315629
Jin 114-27-15	11/9/1995	7/15/1997	5648699
Jin 115-29-16	10/26/1995	12/31/1996	5588894

APPENDIX A (continued)
Transferred Patents – (Transfer of bare legal title)

Case Name	Filing Date	Issue Date	Patent No.
		2/21/1989	4806801
		4/25/1989	4824796
		4/25/1989	4824804
		5/9/1989	4829349
		8/1/1989	4853753
		9/26/1989	4870029
		1/16/1990	4894258
		6/26/1990	4937653
		7/17/1990	4942595
		10/2/1990	4961219
		10/16/1990	4964019
		11/6/1990	4969191
		12/25/1990	4980301
		1/1/1991	4982262
		1/15/1991	4985748
		2/5/1991	4991170
		3/12/1991	4999529
		4/16/1991	5008217
		2/18/1992	5089442
		4/14/1992	5105165
		6/2/1992	5119365
		10/13/1992	5155733
		10/13/1992	5155833
		12/15/1992	5172017
		5/25/1993	5213995
		10/12/1993	5253291
		1/18/1994	5280526
		5/10/1994	5311557
		6/14/1994	5320918
		6/20/1995	5426649
		12/26/1995	5477933
		4/2/1996	5504778
		7/30/1996	5541961
		5/27/1997	5633634
		8/5/1997	5655010
		9/15/1998	5808486
		9/29/1998	5815452
		11/24/1998	5841724
		1/19/1999	5861783
		4/27/1999	5898641
		6/15/1999	5912861
		7/13/1999	5923598
		7/27/1999	5930180
		8/24/1999	5942924
		9/21/1999	5956379
		10/26/1999	5973530
		11/2/1999	5975836
		11/16/1999	5986471
		11/23/1999	5990744
		11/30/1999	5995564
		12/7/1999	5999114
		12/7/1999	5999454
		12/14/1999	6002113
		12/14/1999	6002610
		12/14/1999	6002726
		12/28/1999	6008749
		1/4/2000	6011404

Smith 6

APPENDIX B (continued)
Transferred Patents

Case Name	Filing Date	Issue Date	Patent No.	Serial No.
Bays 10-8-2	1/6/2000			09/478714
Bays 6-16-8-4	8/27/1998		09/141511	
Bays 7-19-1-2-7-6-2-6	7/22/1998		09/120126	
Bays 8-3-1-9-1	2/26/1999			09/257954
Bays 9-4-2-10	10/5/1999			09/412491
Belhaj 1	4/8/1999			09/288014
Belhaj 2	10/2/1998			09/165156
Belhaj 4-65-61-17	5/28/1999			09/321763
Belhaj 5	10/28/1999			09/428468
Belhaj 7	7/26/1999			09/360689
Belk 2-22-5-15-1-15-8-15	11/1/1999			09/432725
Belk 3	4/1/1999			09/283392
Belk 4	4/1/1999			09/283393
Belk 5	4/1/1999			09/283394
Belk 6-7	4/1/1999			09/283395
Belk 7-24-6-14-2-16-10-16	3/15/1999			60/124478
Bell 1-10	2/4/1999			09/244995
Bencivenga 2	4/13/1998	5/16/2000	6065145	
Benesty 2-1-6-13	1/6/1999			09/228772
Benesty 4-3-8-15	11/2/1999			09/431847
Benesty 5	9/14/1999			09/395834
Benesty 6-9	12/28/1999			09/473547
Benesty 7-17-1	2/4/2000			09/498561
Benesty 9-5	7/21/2000		09/621103	
Benevit 1-1-1-2-1	11/5/1999			09/434961
Benyamin 1-1-1	5/28/1999			09/321901
Berenbaum 10-5-6-6	3/30/2000			09/538757
Berenbaum 5-28-14	9/29/1997		08/939746	
Berenbaum 7-2-3-3	3/30/2000			09/538670
Berenbaum 8-3-4-4	3/30/2000			09/538669
Berenbaum 9-4-5-5	3/30/2000			09/538755
Berger 2-7Re	4/29/1994		08/236742	
Berthoud 14-2-4	3/25/1999			09/276155
Berthoud 15-13-5	6/15/1999			09/333046
Berthoud 16-14-6	7/8/1999			09/349708
Berthoud 2-5-3-1-2	4/10/1998		09/058190	
Bessios 1	5/11/2000			09/569129
Besz 3-3-23-10	4/14/1999			09/291677
Betker 4-3	5/7/1996	7/18/2000	08/646159	6092186
Betker 6-5-1-6	8/18/1998	4/18/2000	6052766	
Bevk 13-4-4-6-5	6/10/1998		09/095231	
Bevk 14	7/22/1998		09/120451	
Bevk 15	2/26/1999			09/259028
Bevk 16	8/29/2000		09/650038	
Bevk 4-11-6	5/22/1989		07/356578	
Bevk 8-1-1	3/8/1996		08/612701	
Bevk 9	7/29/1997		08/902044	
Bhawmik 2-4-1	2/12/1998		09/022759	
Bhawmik 3-12-6-1	6/15/1998		09/097488	
Bhawmik 4	10/29/1998			09/182543
Bhawmik 5-1-7	6/23/1999			09/338338
Bhawmik 6-13-2	10/27/1999			09/428242
Bhawmik 7-14-3	9/29/1999			09/408371
Bhowmik 1-52-42	12/22/1998			09/218649
Bhowmik 2-9-1-70-88	3/25/1999			09/276034
Bhowmik 3-73-92-4	10/14/1999			09/418106
Bhowmik 4-80-6-95-2	3/6/2000			09/519193
Bhowmik 7-2-116-5-129	10/6/1999			09/413258
Bhowmik 8-12-132-2	4/14/2000			60/197283
Bibler 1	11/15/1996		08/749719	

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Brady 3-14	8/30/1996		08/705935	
Brady 5-10-37-2	6/18/1997	7/18/2000	6090686	
Brady 7-16-20-46-10-4	9/22/1998		09/158582	
Brady 8-23-50	9/3/1998		09/146418	
Brady 9-26-53-6	12/2/1998			09/205413
Brady 9-45-9-68-13-29	2/19/1999			09/252729
Braun 2-9-5	2/11/1999			09/248577
Braun 3-6	5/14/1999			09/312165
Brederveld 2-9-4-5-3	5/21/1993		08/065328	
Britton 11-1-2-6-1-1	10/15/1997	4/11/2000	6049224	
Britton 13-1-5-3-3	10/15/1997		08/950444	
Britton 19-2-9-11-6	9/18/2000		09/663272	
Brooks 1-1-8	7/28/1998		09/123334	
Brooks 2-2	7/29/1999			09/363511
Brooks 5-11-6	8/31/1999			09/387181
Broutin 14-24-28	7/16/1999			09/356307
Brown 1	9/30/1999			09/409171
Brown 1-2-1	5/18/2000			09/573260
Brown 1-26	10/15/1999			09/418652
Brown 1-43-7	6/7/2000			09/589816
Brown 2-5-2	5/25/1999			09/318511
Brown 3-2-3	5/25/1999			09/318481
Brown 7-186-52	10/25/1999			09/426457
Brown 8-187-53	10/25/1999			09/426453
Brown 9-199-58	8/22/2000		09/643784	
Bryant 1-8-4	2/18/1999			09/252416
Buckfeller 7-53-43	11/6/1998			09/276086
Buckfeller 8	9/7/1999			09/390181
Bude 4-2	10/13/1998	1/4/2000	6011722	09/170819
Bude 6-3-8	3/12/1999			09/268447
Buhrke 5-16	11/8/1999			09/435192
Bullman 1-1	6/30/1999			09/343828
Bullman 2	2/17/2000			09/506095
Bullman 3-4	12/17/1999			60/172322
Bullman 4-1	1/3/2000			60/174205
Bullman 5-2-2-4	2/8/2000			60/181037
Bullman 6-3-3-5	2/18/2000			60/183520
Bulusu 1	12/20/1999			09/467612
Burger 3-20-3	4/9/1997		09/176279	
Burm 4-13-15-10-8	3/10/2000			09/523210
Burns 2-9-6	4/20/1998		09/063088	
Burns 4	10/14/1998			09/172457
Burns 5-19	10/16/1998			09/174198
Burns 6-21	10/14/1998			09/172378
Burns 8	3/4/1999			09/262280
Burns 9-4	1/29/1999			09/240953
Burroughs 1-4	6/17/1998	6/13/2000	6076136	
Burroughs 2-1	1/24/2000			09/489652
Burroughs 3-2	1/24/2000			09/490434
Burroughs 4-3-4	5/31/2000			09/583493
Burton 7-19-2	5/20/1998	7/4/2000	6083838	
Busking 4-7	7/3/1997		08/887856	
Busking 5	6/27/1997		08/884155	
Busking 6-1-2	1/7/1999	8/22/2000	6107684	09/226730
Byrne 2-2-5-2-1	1/6/1999			09/226399
Cadet 14-8	9/9/1999			09/392911
Caminos 1-1-21	6/14/1999			09/332061
Campbell 1-7-24-3-46	6/9/2000			09/591037
Cannon 100	3/23/2000			09/534145
Cannon 101-90-47	4/18/2000			09/551553

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Choi 12-71-89	6/25/1999			09/340062
Choi 13	11/30/1999			09/451054
Choi 14	7/1/1999			09/346419
Choi 15-1-6-1-2	1/6/2000			09/478387
Choi 18-2-1-3-3	8/27/1999			09/384631
Choi 19-3-2-4-4	8/27/1999			09/384505
Choi 2	12/24/1998	6/6/2000	6072210	09/220418
Choi 21	1/18/2000			09/484759
Choi 2-182-50-48	7/30/1999			09/365059
Choi 22-9-4-3-8	3/13/2000			09/523782
Choi 23	1/18/2000			09/484500
Choi 24	4/20/2000			09/553868
Choi 26	8/2/2000		09/631546	
Choi 3-183	7/15/1999			09/354928
Choi 4	7/1/1999			09/345919
Choi 5-50-70	8/27/1999			09/384503
Choi 6-56-76	1/13/1999			60/115841
Choi 7-184-51-49	8/6/1999			09/369802
Choi 7-57-77-8	1/13/1999			60/115840
Choi 8-42	1/12/1999			60/115533
Chou 1-1-4	8/11/2000		09/636455	
Christensen 1	6/30/1998		09/107815	
Chu 1	10/12/1999			09/416348
Chu 3-3-9-1	8/30/1999			09/386132
Chu 4	10/12/1999			09/416336
Chua 1-1-1	7/12/1999			09/351945
Chua 2-1-2	7/12/1999			09/351546
Chua 3-1-1-1	9/26/2000		09/669278	
Chung 7-14	4/14/1999			09/291559
Chung 8-1-18-3	2/22/2000			09/510015
Chyan 10-27-22	1/20/2000			09/488108
Chyan 12-2-28-51-3	8/2/2000		09/631755	
Chyan 15-6-9	8/25/2000		09/648164	
Chyan 5-23	2/15/2000			09/504306
Chyan 6	12/20/1999			09/467650
Chyan 9-48	3/8/2000			09/521268
Ciccone 3-2-2	10/1/1997	4/18/2000	6052407	
Cirelli 3-5	11/12/1998			09/190759
Cirelli 4-2-8-4-6	11/12/1998	01/18/00	6015644	
Cirelli 5-15-1-5	4/16/1999			09/293103
Cirelli 6-17-2-6	9/16/1999			09/397716
Citrin 2-9-1	10/29/1999			09/430316
Claessen 2-2	12/9/1993		08/164661	
Claessen 3-3	6/28/1991		07/723102	
Clancy 2-3-5-2-2-3-2	12/16/1999			09/464183
Clapp 1	7/28/2000		09/628545	
Clemens 12-3-36	11/9/1998	3/14/2000	6038163	09/189131
Clemens 13-4-49	2/4/2000			09/498543
Clemens 9-1-11	6/6/1997		08/871024	
Cochran 17-14-1-18-1-9-2	3/9/1998		09/036756	
Cochran 21-22-10	2/8/1999			09/246402
Cohn 6-4	7/21/2000		09/621110	
Cohn 7	7/28/2000		09/628067	
Cohn 8-6	7/21/2000		09/620939	
Colbry 6-5	8/5/1996		08/692546	
Cole 1-1-14-1	8/3/1998	7/25/2000	09/128041	6094735
Comeau 1-1-1-5-1	12/14/1999			09/459842
Comerford 6-4	9/15/1997		08/937279	

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Case Name	Filing Date	Issue Date	Patent No.	Serial No.
Degani 53	11/8/1999			09/435971
Degani 54-35-69	2/4/2000			09/498005
Degani 55-36-70	3/20/2000			09/528882
Dell 1-3	11/30/1999			09/451295
Demir 1-1-5	6/12/1998		09/096856	
Demir 2	11/5/1998			09/186822
Demir 3-11	5/28/1999			60/136477
Demir 4-8	10/1/1999			09/411015
Demir 5-12	8/29/2000		60/228659	
Deng 2-38-4	2/1/1999			09/241271
Deng 3-2-7	8/30/1999			09/385285
Denk 1-8-4	9/26/1997		08/937665	
Denk 2-1	5/15/1997		08/856561	
Dennis 3-22-19-17-3	1/27/2000			09/491644
Derkits 31-6	3/2/2000			09/518705
Derkits 7-6-13-13	1/31/1998		09/017103	
DeSantolo 6-3-7-6-1	11/23/1998	8/29/2000	6110543	09/197833
DeSantolo 7-8	6/15/1999			09/333626
Deschler 2-2-14-6	3/2/1999			09/260434
Deshmukh 5	9/12/1997		08/928939	
Desko 2-25	8/30/1999			09/385735
Desko 3-1-1-1-6-2-1-2	8/31/2000		09/653616	
Dever 1-1	8/31/1999			09/387694
Devine 1-6-4	9/10/1999			09/394029
Diamondstein 5-4-2	12/13/1996		08/766635	
Diamondstein 7-4	2/10/1997		08/797147	
Diamondstein 8-10	9/23/1998	5/16/2000	6064712	
Dickinson 3-8-1-1	9/28/2000		60/231453	
Diehl 1-37-12-45-37	6/21/1999			09/336701
Diepstraten 11-3-4	11/22/1993		08/155661	
Diethorn 3	9/17/1998		09/154991	
Diodato 6-33	4/7/2000			09/544234
Diodato 7-34	4/26/2000			09/559212
Dmochowski 1	3/31/1999			09/281642
Dodabalapur 11-18-1	10/15/1996		08/729304	
Dodabalapur 16	8/20/1998		09/137920	
Dodabalapur 20-17-19	5/28/1999			09/322471
Dodabalapur 21	11/4/1999			09/433201
Dodabalapur 24-1-15	11/29/1999			09/450522
Dodabalapur 5-11-13-3	5/15/1995		08/441142	
Donnelly 14-2	9/17/1999			09/398977
Donnelly 15-3	3/29/2000			09/538022
Doshi 34-35-3-2-1	3/13/1998		09/039112	
Downey 10-6-124	1/21/2000			09/489092
Downey 11-7-136	8/31/2000		09/653492	
Downey 7-2	12/16/1998			09/212228
Downey 8-10-10	10/12/1999			09/416642
Draper 4	4/27/2000			09/559494
Drum 2	3/7/2000			09/520670
Du 1-19-157-55-39	1/22/1999			09/235735
Dudderar 29-2	8/14/1998		09/134843	
Dudderar 33-19-6	9/22/1999			09/401690
Duenas 1-9-14-9-1-52	8/25/1997	6/13/2000	6075691	
Dumbri 8	4/7/1999			09/287862
Dumbri 9	4/7/1999			09/287861
Dunlop 10-5-17	8/24/1999			09/379407
Dwyer 3	9/11/1998		09/151981	
Early 7-9	12/31/1996		08/778025	
Easter 22-2-23	1/22/1999			09/235850
Easter 25-3-24	1/22/1999			09/236015

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Lee 3-22-34	7/31/1998		09/127303	
Lee 4	7/6/1999			09/347983
Lee 4-2	4/12/1999			09/291158
Lee 50-31	9/8/1993		08/118540	
Lee 5-9	7/7/1999			09/348447
Lee 6-3	8/27/1999	8/22/2000	6108233	09/384346
Lee 67-37	12/8/1994		08/352257	
Lee 7	5/15/2000			09/570764
Lee 7-1-1	12/29/1999			09/474412
Lee 81-13	5/30/1997		08/866593	
Lee 8-2	12/29/1999			09/474411
Lee 84-29	11/21/1997		08/975793	
Lee 85-2-7	2/17/1998		09/024601	
Lee 86-30	4/28/1997	4/25/2000	6054722	
Lee 88-17	3/3/1999			09/261593
Lee 9-3	12/29/1999			09/474413
Leonowich 13-1-1	1/14/1998		09/006808	
Leonowich 15-1-4	2/25/1998		09/030276	
Leonowich 18	5/14/1999			09/312815
Lepejian 1-15	8/13/1998		09/128595	
Lerch 1	11/27/1996		08/757782	
Leshner 1-1-14	9/24/1999			09/405744
Leshner 2	4/28/2000			09/561375
Leshner 3-11	8/9/2000		09/634790	
Levine 19	5/4/2000			09/564769
Levinos 5-2	10/19/1999			09/420234
Lilienthal 11-22-62	4/11/1997		08/839401	
Lim 1	7/12/2000			09/614854
Lim 2	7/12/2000			09/614853
Lim 3-2	1/28/2000			09/493331
Lim 4-17	11/2/1999			09/432415
Lin 2	5/19/2000			09/574935
Lin 3	5/28/1999			09/322736
Lippincott 1	10/7/1998			09/167330
Lischner 4-1-2	11/17/1998			09/193832
Lischner 6-3-4	2/2/2000			09/496989
Liu 16-5-4-1-5	11/18/1997		08/972566	
Liu 2	9/21/1999			09/400594
Liu 20-6-21	9/22/1999			09/401409
Liu 27	6/18/1998		09/099715	
Liu 28	6/18/1998	6/13/2000	6075273	
Liu 29	6/5/1998		09/092599	
Liu 31-30	12/28/1998			09/222586
Liu 32-19	9/1/1999			09/388297
Lloyd 1	5/18/2000			09/573266
Lobbins 1-1	12/10/1999			09/459056
Lobbins 2-13	9/28/1999			09/407575
Lobbins 4	6/26/2000			09/6x4020
Lobbins 5	4/25/2000			09/557430
Loeper 1	6/21/1999			09/337147
Loinaz 2	12/31/1998			09/223874
Loinaz 5-1	8/17/2000		09/641158	
Lopata 10-23	8/31/2000		09/653570	
Lopata 5	10/27/1998			09/179779
Lopata 6	7/6/1999			09/347421
Lopata 7-15	8/12/1999			09/372892
Lopata 8	11/12/1999			09/438770
Lopata 9-22	8/31/2000		09/652569	
Lotfi 14-18-32	2/12/1999			09/248765
Lotfi 19-1	10/6/1999			09/412847

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Case Name	Filing Date	Issue Date	Patent No.	Serial No.
Nanda 15-1	5/19/1998	5/2/2000	6056630	
Nanda 16-4	7/24/1998		09/122276	
Narahari 2-37	5/15/2000			60/204327
Navitsky 1-13	1/22/1999			09/235975
Nelson 15	7/29/1998		09/124431	
Nelson 16	12/8/1998	4/4/2000	6046647	09/207307
Nelson 19-2	6/28/1999			09/340439
Nelson 21-1	2/15/2000			09/504515
Nelson 22-2	5/1/2000			09/562305
Newton 1	8/8/1997		08/907456	
Newton 4-1	10/1/1998			09/164592
Newton 6	9/9/1999			09/392616
Newton 8	10/5/1999			09/413203
Nguyen 1-8-5	10/27/1999			09/427961
Nguyen 2-6	9/24/1999			09/405205
Nguyen 4-5-8	7/15/1998		09/115693	
Nicol 12	2/16/1999			09/250120
Nicol 14	11/2/1999			09/431851
Nicol 7	2/19/1998	5/16/2000	6065032	
Nicol 8-4	8/3/1998		09/128030	
Niescier 7	8/27/1998		09/141510	
Novakov 1	1/6/2000			09/479291
Novakov 2	5/9/2000			09/567423
Novakov 3	2/29/2000			09/515224
Obeng 16-8	12/5/1996	7/4/2000	6083810	
Obeng 17-5-1	1/27/1998		09/013726	
Obeng 18-4	1/22/1998		09/012130	
Obeng 20-1	6/13/1998		09/096998	
Obeng 23	1/15/1999			09/232120
Obeng 26-5	4/6/1999	4/11/2000	6048256	09/286869
Obeng 31	2/28/2000			09/514832
Obeng 4-28	6/29/1999			09/342845
Obeng 6	11/16/1994		08/340679	
Obeng 7-35	2/25/2000			09/513390
O'Brien 1	5/14/1999			09/312386
O'Connor 12	2/10/1999	10/12/99	5966317	
O'Connor 13	9/28/1998		09/161626	
Offord 6	1/28/1999			09/238793
Olasupo 5	1/10/1992		07/821275	
Olmer 11	9/30/1999			09/408707
Olmer 14	8/25/1999			09/383006
O'Neill 12	6/5/2000			09/587397
O'Neill 9	2/26/1998		09/031010	
Optimay-2	12/12/1996	5/16/2000	6064660	
Optimay-3	3/11/1997	7/11/2000	6088343	
Ordonez 1-1-9	10/6/1999			09/413661
ORTEL 29	9/2/1999			60/152494
Ougazzaden 1-19-1	12/7/1999			09/455987
Ovalekar 1-12	2/16/1999			09/250744
Ovalekar 2-13	5/19/1999			09/314834
Ovalekar 3	10/1/1999			09/411156
Pai 18-36	12/4/1998			09/205840
Pant 1-4	6/30/1998	7/18/2000	09/107481	6091271
Papadopoulos 6-43	7/28/1999			09/362433
Parson 1	5/31/1997	4/25/2000	6053947	
Parson 3-2-1-4	5/30/2000			09/583057
Patel 10-1	9/1/1999			09/388166
Patel 12	5/29/1998		09/087297	6111437
Patino 1-1-11	9/30/1999			09/409121
Pearce 13	10/1/1997		08/941906	

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Ubowski 14	2/19/1999			09/253064
Ubowski 17	4/9/1999			09/288564
Ubowski 19-14	9/20/1999			09/399147
Ubowski 25	7/25/2000		09/624597	
Umberger 4	8/22/2000		09/643253	
Urbansky 16	4/3/1998	6/13/2000	6075387	
Vallancourt 11	5/8/1998		09/074887	
Vallancourt 12	6/17/1998	7/25/2000	09/098971	6094098
Vallancourt 7	9/12/1997		08/928773	
Van Bokhorst 2-4-10-5-6-6-3	9/27/1993		08/127268	
van der Plas 1	5/7/1997		08/852715	
Van Dover 29	6/4/1998	7/25/2000	09/090295	6093944
van Driest 5	12/31/1996		08/775836	
van Driest 7	10/7/1998			09/168145
van Nee 10	1/4/1999			09/224695
van Nee 11	4/8/1998		09/057310	
van Nee 12	4/22/1998		09/064188	
Vegter 1	7/15/1998		09/121610	
Velingker 2	6/19/1998		09/099778	
Vermeer 2	8/9/1997		08/909001	
Vermeer 4	8/9/1997		08/904127	
Veschi 13	5/3/1999			09/303443
Veschi 16	4/18/2000			09/551552
Visic-1	2/7/1985	1/12/1988	4719602	
Visic-2	1/25/1988	10/31/1989	4878198	
Visic-3	7/27/1988	5/15/1990	4926384	
Vorgert 1	11/30/1999			09/452017
VTC 100	10/8/1999			09/415289
VTC 101	11/3/1999			09/432951
VTC 102	11/3/1999			09/433177
VTC 103	12/29/1999			09/474175
VTC 104	8/24/1999			09/379415
VTC 105	12/31/1999			09/476016
VTC 106	12/30/1999			09/475909
VTC 66	6/2/1997		08/867096	
VTC 78	2/13/1998		09/023510	
VTC 79	4/6/1999			09/286930
VTC 80	4/2/1999			09/285397
VTC 81	4/2/1999			09/285475
VTC 82	4/2/1999			09/285396
VTC 83	4/6/1999	8/22/2000	6107888	09/286890
VTC 84	4/1/1999			09/283154
VTC 85	4/20/1999			09/295154
VTC 86	2/1/1999			09/241220
VTC 87	4/20/1998		09/286889	
VTC 89	2/3/1999			09/243047
VTC 90	9/14/1998		09/152869	
VTC 91	10/8/1998			09/168495
VTC 92	4/15/1999			09/252502
VTC 93	4/15/1999			09/292294
VTC 94	4/15/1999			09/292557
VTC 95	7/23/1999			09/360319
VTC 96	7/23/1999	2/1/2000	6020695	09/360360
VTC 97	8/30/1999			09/385788
VTC 98	8/16/1999			09/375828
VTC 99	10/4/1999			09/412089
VTC-1			4713611	
VTC-10			5345346	
VTC-11			4782320	