

04-27-2006



SHEET

103226858

To the Honorable Commissioner of Patents and Trademarks

attached 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
☐ 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):

If this document is being filed together with a new application, the execution date of the application is

- A. Patent Application No.(s) Filed on
B. Patent No.(s) 5,043,794; 5,150,832; 5,211,764; 5,234,149; 5,234,153; 5,264,107; 5,307,983; 5,346,118; 5,461,333;
5,473,512; 5,481,205; 5,505,367; 5,516,728; 5,534,465

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: **Four Connell Drive**

City: **Berkeley Heights,**

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

6. Total number of applications and patents involved: **14**

7. Total fee (37 CFR 3.41) \$ **\$560.00**

☐ 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)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Scott W. McLellan

Name of Person Signing

Scott W. McLellan
Signature

19 Apr 2006
Date

Total number of pages including cover sheet, attachments, and document: **16**

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D. C. 20231

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Asst. Commissioner of Patents and Trademarks,
Washington, D.C. 20231, on **4/18/06**
(Date of Deposit)

Batricia M. Smith
Date

PATENT

REEL: 017811 FRAME: 0383

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)

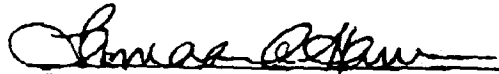
: ss:

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)

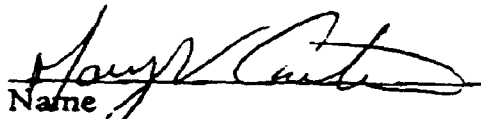
: ss:

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: 017811 FRAME: 0388

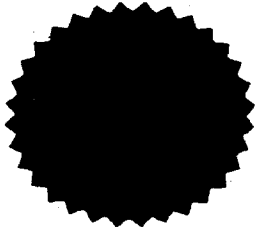
The First State

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

020545223

AUTHENTICATION: 1959517

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.
Alugbin 1-1-7	11/12/1992	12/7/1993	5268332
Alugbin 3-15-9-5-5	5/9/1996	12/22/1998	5851870
Amir 15-7-4	10/3/1994	8/27/1996	5550583
Amir 3-4	2/27/1989	5/29/1990	4929845
Amorai-Moriya 2-2-22	12/30/1994	7/2/1996	5532510
Anderson 1-1	10/9/1997	11/23/1999	5989984
Andrews 1-1-4	7/24/1997	2/22/2000	6028447
Andrews 2-10-1-2-1-1-5	9/26/1997	2/1/2000	6020755
Andrews 7-4-12	8/18/1989	7/3/1990	4938847
Andrews 8-5-13	11/7/1989	12/18/1990	4978915
Andrews 9-2	6/19/1990	8/18/1992	5140299
Ansell 1-1	12/22/1986	12/8/1987	4712077
Antreasyan 2-2-2-18	2/23/1988	10/10/1989	4873558
Archibald 1-4	10/28/1994	4/2/1996	5504401
Arcidiacono 2-2	10/17/1980	10/18/1983	4410867
Argade 2	9/20/1990	8/11/1992	5138570
Argade 4-1	8/10/1994	11/19/1996	5577230
Arntz 12	5/9/1995	7/23/1996	5539356
Artaki 1-2-1	4/2/1992	4/13/1993	5201114
Arvikar 1-3-22-9	3/26/1990	2/26/1991	4995149
Ashby 3-18	7/31/1997	6/29/1999	5917379
Ashby 4	7/16/1997	2/22/2000	6029060
Ashby 5	9/16/1997	1/19/1999	5861781
Ashby 7-19-1	8/3/1998	2/8/2000	6023196
Aspnes 5-1	3/27/1981	4/19/1983	4380490
Asthana 5-1-38	6/7/1995	2/22/2000	6029224
Audet 1-1-4-4	4/11/1991	6/16/1992	5122479
Aull 2-3	2/8/1982	10/9/1984	4476350
Auston 8-1	8/14/1981	11/13/1984	4482863
Avery 1-9-20-1	12/30/1993	6/6/1995	5422582
Avery 2-20-11-3-2	6/3/1994	4/9/1996	5506519
Awal 1-1	6/12/1987	11/22/1988	4786616
Ayanoglu 3-3-5-27	10/20/1992	2/28/1995	5394437
Ayanoglu 4-6-1-6-6	1/3/1994	6/18/1996	5528625
Aydil 2-10-1	11/10/1992	5/9/1995	5413954
Aydil 3-11-1-1	10/19/1992	1/11/1994	5277752
Aydil 4-5-12	3/1/1994	11/7/1995	5464664
Azadet 1-20-6	4/21/1995	4/29/1997	5625304
Azadet 3	9/17/1996	11/9/1999	5983254
Azar 5	11/12/1991	10/27/1992	5158136
Azar 9-4	6/1/1993	4/19/1994	5304846
Bacon 4-6-2-22-5	8/28/1992	8/10/1993	5234153
Bacon 7-3-14-21-37	5/10/1995	4/22/1997	5622305
Bagchi 1-8-3-1	8/27/1996	12/2/1997	5694444
Bagnall 1-1-1	2/20/1985	5/19/1987	4667311
Bailey 1	10/30/1996	7/7/1998	5777518
Bailey 3-7	12/24/1996	7/6/1999	5920203
Baillargeon 1-66	3/29/1995	12/31/1996	5588969
Baldwin 2-13-7-9	8/15/1991	6/15/1993	5219772
Baldwin 2-4	6/13/1996	9/30/1997	5672913
Baldwin 3-14-8-10	12/29/1992	5/10/1994	5311045
Banak 2-1	2/9/1993	3/29/1994	5298817
Banks 3-4-13	7/29/1981	11/30/1982	4361643
Banks 4	1/28/1982	2/15/1983	4373991
Banu 3	4/10/1987	5/3/1988	4742308
Banu 4	2/16/1988	11/20/1990	4972162
Banu 5-5	5/8/1992	8/17/1993	5237290

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

Case Name	Filing Date	Issue Date	Patent No.
Banu 6-9-3-27-2	11/30/1994	5/26/1998	5757872
Banu 7-1	2/10/1995	3/4/1997	5608796
Bao 1	8/23/1996	10/19/1999	5969376
Barber 1	10/1/1982	10/28/1986	4620118
Barber 2	2/4/1985	12/2/1986	4627030
Barber 4-27	6/8/1987	7/18/1989	4849751
Barber 5	4/23/1997	12/28/1999	6008678
Barnes 1-1	12/31/1996	11/2/1999	5977897
Bartoli 1-1	12/23/1981	3/27/1984	4439691
Bartschat 1-3	12/14/1989	1/1/1991	4980971
Barzegar 1	8/26/1986	5/31/1988	4748351
Basavanhally 6	2/20/1992	6/22/1993	5221417
Bates 3-2-3	10/19/1987	1/9/1990	4892617
Bath 1-2	8/29/1997	6/1/1999	5909149
Baumbach 1-7-15	1/16/1996	4/29/1997	5625199
Baumert 2	7/30/1993	4/11/1995	5406592
Baumert 6-5-15	8/15/1994	9/5/1995	5448193
Baxter 2-5-3-2	5/30/1996	7/20/1999	5926696
Baylock 1	3/19/1987	3/21/1989	4815041
Bayruns 2-8	11/25/1986	9/1/1987	4691331
Bays 2-4	4/22/1992	2/15/1994	5287296
Bays 3-3-6	12/16/1993	7/15/1997	5648777
Bays 5-5-1	5/17/1996	5/19/1998	5754590
Beal 1	7/21/1982	11/13/1984	4483003
Bean 15	4/4/1986	7/21/1987	4681773
Bean 18-10-3	5/28/1987	8/29/1989	4861393
Bean 20-5	3/28/1989	11/7/1989	4879256
Bean 21-14	6/12/1989	7/28/1992	5134090
Bean 23-2-1-1	8/15/1990	3/17/1992	5096840
Bean 24-3-1-1	3/18/1991	2/25/1992	5091767
Bean 6-2-5	11/29/1982	11/19/1985	4554045
Beatty 2-1-1-3	1/24/1997	6/15/1999	5913052
Becke 4-3	12/3/1985	9/1/1987	4691220
Beitman 1	8/6/1993	3/7/1995	5395789
Beltram 2-28-8-1	6/21/1988	2/27/1990	4905063
Beltram 4-33-12-3	12/7/1989	7/31/1990	4945393
Beltz 6-16-1	10/27/1983	8/21/1984	4466852
Ben 1	5/25/1988	2/13/1990	4900214
Bencivenga 1-2-3	9/2/1992	8/23/1994	5341314
Benjamin 2	7/22/1981	5/17/1983	4384278
Benko 1-21	12/18/1987	11/15/1988	4785156
Benko 5-2-2-9	12/9/1991	2/16/1993	5186756
Bentson 1-3-1	12/17/1991	11/23/1993	5264107
Benzoni 6	3/30/1993	7/12/1994	5328552
Berger 10-5-1	1/27/1995	10/1/1996	5561008
Berger 11-6-2	6/25/1996	12/23/1997	5701014
Berger 1-6	8/7/1989	1/7/1992	5079112
Berger 2-7	3/23/1990	7/14/1992	5130213 RE36964
Berger 3-1-1	12/30/1991	11/9/1993	5260151
Berger 4-1	3/16/1992	12/27/1994	5376505
Berger 5-8	7/14/1992	11/2/1993	5258246
Berger 6-2	7/14/1992	5/31/1994	5316879
Berger 7-3	12/16/1992	1/18/1994	5279925
Berger 8	12/16/1992	1/17/1995	5382498
Bergmann 4-1	11/19/1987	4/11/1989	4821297
Berkstresser 2-15	11/18/1981	8/23/1983	4400445
Bernardson 1-8	8/31/1995	3/11/1997	5610505

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

Case Name	Filing Date	Issue Date	Patent No.
Dagdeviren 13	3/31/1997	12/7/1999	5999564
Dagdeviren 7	2/17/1995	3/3/1998	5724393
Dahringer 4	10/19/1990	4/21/1992	5107330
Dahringer 5	10/19/1990	9/17/1991	5049981
Dahringer 9	5/7/1993	8/20/1996	5548087
Dalton 5-1-21	8/21/1984	5/20/1986	4589928
D'Altroy 6-2	3/25/1981	2/7/1984	4430663
Darwish 1	2/28/1990	5/14/1991	5016076
Darwish 3	2/18/1992	1/11/1994	5278076
D'Asaro 22-13-25-18	12/30/1994	11/26/1996	5578162
D'Asaro 25-38-4-3-25	12/28/1995	7/6/1999	5918794
Daubert 1	1/19/1984	4/29/1986	4585961
Daubert 3-4	4/26/1995	7/8/1997	5646619
Daudelin 2	9/30/1982	4/2/1985	4509120
Dautartas 19	12/15/1993	3/14/1995	5396702
Dautartas 22-3	6/11/1996	6/16/1998	5768363
Dautremont-Smith 3-4	6/15/1984	6/17/1986	4595454
Dautremont-Smith 6-1-19-1-1	8/16/1989	7/30/1991	5036023
Davis 10-17-6-39	2/24/1982	4/7/1987	4656366
Davis 13	4/6/1993	8/30/1994	5343162
Davis 14-2	7/6/1993	12/13/1994	5373265
Davis 17-36-3	11/20/1997	7/27/1999	5929708
Davis 4-4-6-2-3	12/16/1997	8/24/1999	5943407
Davison 1	6/27/1990	1/14/1992	5080279
Dean 13-12-8-9	9/3/1993	7/1/1997	5643838
Dean 5-2	3/14/1983	9/25/1984	4473455
Debiec 2-1-4	4/1/1994	9/12/1995	5449955
Debus 9-1	5/26/1987	5/16/1989	4831382
DeBusk 2	1/26/1998	1/25/2000	6017805
Degani 10-3	6/28/1991	9/29/1992	5150832
Degani 13	11/10/1992	5/18/1993	5211764
Degani 14-8-4	9/28/1993	9/13/1994	5346118
Degani 18-6	3/31/1994	5/14/1996	5516728
Degani 20-11-3-3	6/16/1994	12/5/1995	5473512
Degani 21-12-4-6-41	2/24/1995	3/4/1997	5608262
Degani 24-14-1	11/2/1994	4/9/1996	5505367
Degani 25-15-39	6/7/1995	10/15/1996	5564617
Degani 28-19-10-10-45	8/20/1996	7/8/1997	5646828
Degani 30-20-9	2/20/1997	7/14/1998	5778913
Degani 31	4/2/1997	5/18/1999	5904859
Degani 34-3-49	7/18/1997	2/9/1999	5869894
Degani 35-23-50	5/30/1997	11/23/1999	5990564
Degani 38-12	12/16/1997	3/28/2000	6043670
Dein 3-2-4	6/25/1991	4/28/1998	5744403
Dekker 1-1	5/22/1987	1/10/1989	4797904
DeMarco 2-12	3/2/1993	2/22/1994	5288368
DeMarco 4-3-2	8/30/1993	10/15/1996	5566314
DeMarco 4-7-10	12/30/1994	12/31/1996	5589303
DeMarco 5-11	4/10/1995	7/23/1996	5538819
DeMarco 6-16	7/11/1995	5/27/1997	5633103
Denker 15	5/28/1993	12/19/1995	5477164
Denker 16	5/28/1993	12/5/1995	5473270
Denker 18-10-2-1	4/18/1994	9/24/1996	5559463
Dennis 1-10-6	8/12/1997	3/21/2000	6040616
Dennis 1-10-6	8/12/1997	3/21/2000	6040616
Dentai 8-3-1-3	6/4/1987	5/16/1989	4830982
Dentai 9-4-2-4	6/4/1987	11/1/1988	4782034

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

Case Name	Filing Date	Issue Date	Patent No.
Chittipeddi 7-5	11/8/1991	12/7/1993	5268329
Chiu 11-4-1-25	12/19/1994	9/24/1996	5559360
Chiu 12-5-6-5-3-28	1/9/1995	11/28/1995	5470783
Chiu 7	11/29/1994	10/31/1995	5462012
Chiu 9	6/7/1995	12/31/1996	5589693
Chiu 9-2-1-4-1-23	6/6/1994	10/31/1995	5462888
Chlipala 2	12/29/1989	6/4/1991	5021362
Cho 76-15-5-4-20	2/24/1997	5/11/1999	5903037
Choi 11-1-1-1	12/26/1995	11/17/1998	5837380
Choquette 1-1-1	11/14/1997	9/14/1999	5951372
Choquette 3-3-5-2	11/20/1992	1/4/1994	5275687
Chrapacz 1-4-2-2-26	11/22/1994	8/12/1997	5656510
Christian 3-4	6/27/1983	9/4/1984	4468857
Chung 1-3-1	6/16/1989	3/19/1991	5000795
Chung 2-1-6-1	3/18/1993	8/9/1994	5336371
Clark 1-1	9/24/1980	9/21/1982	4350404
Clemans 1-1	9/23/1988	5/8/1990	4923561
Clemans 2	12/5/1988	8/7/1990	4946542
Clemans 3-2-3	3/9/1990	11/12/1991	5064497
Clemens 7-1	5/10/1990	3/12/1991	4999507
Clemens 8-2	12/12/1990	12/17/1991	5073716
Clemons 8-1	4/23/1984	5/20/1986	4590388
Clemons 9	2/17/1984	7/8/1986	4599709
Cloutier 1	11/12/1996	4/6/1999	5892962
Cochran 1-2-2-1	4/8/1988	5/23/1989	4832789
Cochran 18-4	12/5/1997	10/5/1999	5963054
Cohn 1	4/21/1988	4/10/1990	4916522
Cohn 2	7/22/1991	4/7/1992	5102829
Colina 1-1	12/18/1996	2/1/2000	6020256
Comino 6-2-2	8/8/1997	3/2/1999	5877645
Comino 7-3-3	8/8/1997	6/22/1999	5914633
Condon 17-13-16-32-32	2/24/1994	10/24/1995	5461333
Cooper 13-5	12/28/1984	1/16/1990	4894689
Coquin 5-11-11	3/25/1982	8/23/1983	4400235
Coquin 8-32-13	11/21/1986	8/23/1988	4766090
Corcoran 5-8	4/7/1993	8/15/1995	5442769
Cortese 1	11/19/1990	8/11/1992	5138633
Cox 4	12/30/1983	3/4/1986	4574093
Cranston 21	10/28/1983	1/14/1986	4563811
Cranston 23-2-7	10/27/1986	3/29/1988	4734753
Crevasse 2-13-1-2	12/1/1997	10/19/1999	5967885
Crevasse 3-14-2-3	12/1/1997	9/14/1999	5951382
Cummings 2-11-3	2/25/1993	2/1/1994	5283746
Cunningham 1-1-33	6/6/1986	9/20/1988	4772934
Cunningham 14-3-2-1	12/15/1992	7/19/1994	5330629
Cunningham 18-12-5-9	11/16/1993	11/21/1995	5468689
Cunningham 21-19-8-15	6/29/1994	4/23/1996	5510277
Cunningham 2-2-34	6/6/1986	10/25/1988	4780748
Cunningham 3-3-37	12/19/1987	11/15/1988	4784967
Cunningham 36-58-11	1/27/1998	12/21/1999	6005262
Cupo 1-22	5/11/1987	6/27/1989	4843581
Cushman 27-27	11/28/1983	6/18/1985	4523972
Cuthbert 11-5	9/26/1983	4/9/1985	4510176
Cuthbert 12-1-1	1/28/1987	11/29/1988	4788117
Cuthbert 14-4	12/17/1992	11/23/1993	5264076
Cwynar 1-4	7/8/1994	6/18/1996	5528686
Cwynar 2-5	7/8/1994	6/18/1996	5528685

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

Case Name	Filing Date	Issue Date	Patent No.
Deslauriers 2-41	12/13/1982	9/18/1984	4472237
Deslauriers 4-50	7/27/1987	6/26/1990	4937643
Desu 7-5-37	10/4/1993	10/18/1994	5356659
DeWitt 2-2-2	8/9/1991	7/21/1992	5132685
Diamondstein 6-3	12/18/1996	9/7/1999	5948050
Dickinson 16-3-4	10/14/1994	5/20/1997	5631704
Dickinson 17	11/4/1994	12/5/1995	5473269
Dickinson 3-4-4	10/22/1992	5/3/1994	5309395
Dickinson 5	10/22/1992	2/28/1995	5394361
Dickinson 6	5/28/1993	10/17/1995	5459414
Dickinson 7-1	10/4/1993	10/11/1994	5355345
Dickinson 8	3/30/1995	5/28/1996	5521538
Dileo 5-5-4	1/18/1982	3/1/1983	4375606
DiLorenzo 16-1-10-5-9	1/29/1981	1/17/1984	4426656
Diodato 1	9/24/1990	11/5/1991	5063578
Diodato 2-10	6/30/1995	5/21/1996	5519350
Ditzel 1	5/27/1980	5/6/1986	4587632
Dodabalapur 10-17-4	5/10/1996	1/21/1997	5596208
Dodabalapur 4-10-2	12/9/1994	11/12/1996	5574291
Doklan 1-2-4-2-31	12/28/1987	7/25/1989	4851370
Donnelly 11-2	12/13/1991	7/20/1993	5229303
Donnelly 12-3	5/21/1993	11/21/1995	5467732
Donnelly 2-1	5/1/1981	11/16/1982	4359485
Donnelly 3-5-2	7/17/1981	7/19/1983	4394237
Donnelly 5-7	11/5/1981	3/22/1983	4377436
Donnelly 9-5	9/16/1985	2/24/1987	4645687
Downey 1-1	10/28/1988	2/20/1990	4902631
Draper 1-1	9/12/1980	9/7/1982	4348263
Dromgoole 3-16-18-7-46	12/5/1996	5/5/1998	5747982
Dubois 3-5	10/29/1984	4/1/1986	4579752
Dudderar 16-6-6-21	12/5/1995	6/16/1998	5767447
Dudderar 7-1	4/27/1993	5/3/1994	5307983
Dumbri 6-8	12/22/1982	9/10/1985	4541078
Duncan 1-1-2-1-6	11/21/1983	4/29/1986	4585931
Dunlop 2-1	11/15/1985	5/2/1989	4827428
Dunlop 4-9-20	6/28/1991	3/16/1993	5194765
Dunlop 6-12-29	11/2/1992	3/29/1994	5298800
Dunlop 8-2-26	12/30/1994	6/18/1996	5528199
Dutt 1-1	8/30/1991	7/20/1993	5229231
Dutt 4	10/26/1981	5/24/1983	4384398
Dutt 5	12/31/1981	1/24/1984	4427464
Dutta 2	8/31/1990	12/24/1991	5075756
Dwarakanath 6-4-1-13-1	7/31/1995	1/19/1999	5862187
Dynes 3-1	9/10/1980	1/25/1983	4370640
Dynes 4-1-1	11/24/1986	3/28/1989	4816421
Eaglesham 3-4-13-2	11/28/1995	3/28/2000	6043139
Eaglesham 3-4-13-2	11/28/1995	3/28/2000	6043139
Eaglesham 5-5-14-3	5/23/1997	3/24/1998	5731626
Early 2-2	4/21/1982	9/25/1984	4473794
Early 2-43-8-2-3	1/5/1993	11/23/1993	5265143
Easter 11	6/3/1994	12/26/1995	5478758
Easter 12	3/29/1996	4/6/1999	5892292
Easter 2-3	2/12/1988	4/11/1989	4820653
Easter 3-5	3/30/1988	6/13/1989	4839309
Easter 5-11	5/21/1990	1/22/1991	4987471
Easter 8-3	3/16/1992	11/22/1994	5366924
Eisenberg 1-3-1-1-4	9/27/1989	10/15/1991	5057462

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

Case Name	Filing Date	Issue Date	Patent No.
Fritz 2-2-2-12	9/23/1997	4/20/1999	5895960
Fritzinger 4-15-14-5	10/19/1989	3/26/1991	5002898
Fritzinger 7-11-78	6/9/1997	8/31/1999	5945355
Frommer 1-6	4/23/1997	8/17/1999	5939899
Frye 12-2-9-4	11/17/1993	11/21/1995	5467883
Frye 15-6-35	11/23/1994	1/2/1996	5481205
Frye 16-36	1/10/1995	7/9/1996	5534465
Frye 17-3-10-6	6/6/1995	4/7/1998	5737496
Frye 19-2-11	10/8/1997	4/27/1999	5898223
Frye 2-1-1	1/24/1983	2/26/1985	4501060
Frye 3-12	4/3/1985	10/27/1987	4703288
Fuchs 5	3/4/1992	10/11/1994	5355019
Fullowan 2-4-3	4/5/1991	12/1/1992	5168071
Fullowan 3-6-7	10/28/1991	1/5/1993	5176792
Fuls 3-2-4	2/18/1983	5/29/1984	4450620
Fulton 3-8	9/30/1992	4/19/1994	5304460
Gabara 1	6/25/1987	4/18/1989	4823029
Gabara 11	6/23/1992	5/10/1994	5311084
Gabara 15	12/13/1993	3/7/1995	5396195
Gabara 17	12/30/1994	1/9/1996	5483207
Gabara 2	9/20/1988	8/7/1990	4947228
Gabara 23	4/8/1994	9/12/1995	5450027
Gabara 25	12/13/1994	5/14/1996	5517158
Gabara 28	1/11/1995	12/26/1995	5479117
Gabara 29	12/29/1994	12/12/1995	5475345
Gabara 3	6/26/1989	8/27/1991	5043605
Gabara 32	11/21/1995	10/7/1997	5675263
Gabara 33	3/15/1996	1/13/1998	5708389
Gabara 34	6/26/1996	3/24/1998	5731711
Gabara 36	6/26/1997	11/2/1999	5977796
Gabara 37	1/17/1997	2/16/1999	5872384
Gabara 38-1	3/27/1997	1/11/2000	6014037
Gabara 41-2-1	9/29/1997	10/12/1999	5966042
Gabara 43	12/11/1997	11/23/1999	5990743
Gabara 5	4/25/1990	3/17/1992	5097148
Gabara 7-3	12/27/1990	8/13/1991	5040035
Gabara 8-19	6/28/1991	9/7/1993	5243229
Galbraith 1	11/25/1987	6/27/1989	4843264
Gallagher 15-11-13	5/6/1988	11/6/1990	4968644
Gallaher 4-23-2	3/25/1982	3/12/1985	4504902
Galvin-Donoghue 9-17-6-13	8/25/1997	9/28/1999	5958654
Ganesan 4	10/4/1983	7/23/1985	4531106
Gannett 1	6/20/1983	11/5/1985	4551838
Gans 41-29	9/26/1995	12/31/1996	5589797
Garachtchenko 1-3	1/30/1998	10/5/1999	5963097
Garcia 1-1-1	12/21/1988	8/21/1990	4950977
Garofalo 11	10/31/1995	6/3/1997	5636002
Garofalo 1-2-10	12/5/1990	10/6/1992	5153083
Garofalo 6-6	6/29/1992	5/3/1994	5308721
Garofalo 7-7-9-19	9/11/1992	1/4/1994	5275896
Garofalo 8-8-11-20	11/25/1992	8/16/1994	5338626
Garofalo 9-9-23	2/19/1993	10/25/1994	5358827
Gault 5	1/5/1981	9/13/1983	4404172
Gault 6	12/13/1982	6/4/1985	4521272
Gelblum 1-7	3/30/1995	10/27/1998	5828696
Gelblum 3-8	3/30/1995	5/26/1998	5757849
George 6-4	4/27/1987	3/14/1989	4812217

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

Case Name	Filing Date	Issue Date	Patent No.
Jin 120-29	1/18/1996	4/8/1997	5618189
Jin 125-35-21	8/12/1996	12/16/1997	5698934
Jin 129-36-22	10/8/1996	11/25/1997	5690530
Jin 130-37-3-23	11/19/1996	4/28/1998	5744195
Jin 131-38-4-24	11/19/1996	9/22/1998	5811916
Jin 139-42-29	1/13/1998	11/2/1999	5977697
Jin 81-16	5/31/1994	1/7/1997	5591037
Jin 87-12-23	8/31/1994	4/2/1996	5504385
Jin 90-13-2-2	10/31/1994	6/10/1997	5637950
Jin 91-14-3	10/31/1994	4/22/1997	5623180
Jin 94-16-4	12/22/1994	1/20/1998	5709577
Jin 97-18-5	1/31/1995	4/1/1997	5616368
Jin 98-19-6	1/31/1995	10/1/1996	5561340
Jin 99-20-7	1/31/1995	1/28/1997	5598056
Jindal 4	8/1/1996	10/13/1998	5821758
Johnston 24-8	3/24/1987	9/26/1989	4870032
Johnston 29-10	10/31/1988	6/19/1990	4935382
Johnston 30-11	3/9/1989	11/7/1989	4878956
Jon 5-3-1	11/30/1981	11/29/1983	4417478
Jon 9-17-1	3/3/1995	7/8/1997	5646813
Joseph 1-1-1	8/5/1993	11/1/1994	5360979
Joshi 1-4	4/29/1992	8/8/1995	5439780
Joshi 2-5	2/25/1994	6/3/1997	5635338
Jukl 3-1-40	2/21/1995	7/28/1998	5786827
Jurgensen 2-6-46-1-13	4/28/1995	4/15/1997	5620573
Kamgar 5-5-20-18	9/2/1986	4/12/1988	4737233
Karanicolas 1	2/7/1996	2/24/1998	5721500
Karanicolas 3	2/4/1997	2/29/2000	6031398
Karlicek 6	4/13/1987	3/8/1988	4729968
Karp 1-1	6/18/1984	6/23/1987	4675848
Kastalsky 4-14	4/17/1989	2/20/1990	4903092
Kasturia 5	12/29/1993	2/28/1995	5394116
Kasturia 7	8/9/1995	11/5/1996	5572168
Katz 11-3-23	8/28/1992	8/10/1993	5234149
Katz 14-32	6/20/1995	4/16/1996	5508144
Katz 23-2	10/16/1997	8/10/1999	5936259
Katzir 1-3	5/6/1983	11/13/1984	4482424
Kazarinov 1-1	6/10/1982	12/11/1984	4488164
Ke 2	12/22/1995	6/30/1998	5774477
Keller 4-5-4	10/7/1980	5/31/1983	4385966
Keramidas 9-4-8	9/7/1982	11/8/1983	4414561
Kerth 2-4	2/11/1985	5/13/1986	4588941
Khorramabadi 1	11/27/1991	11/10/1992	5162753
Khoury 10	10/17/1996	11/17/1998	5838194
Khoury 1-1	3/18/1988	5/30/1989	4835421
Khoury 11-9-1	6/26/1997	6/15/1999	5912589
Khoury 2	7/19/1989	9/25/1990	4959623
Khoury 3	10/31/1990	3/3/1992	5093634
Khoury 5-5	9/16/1992	7/5/1994	5327302
Khoury 7	1/31/1995	7/2/1996	5532624
Khoury 8	12/31/1996	6/29/1999	5917440
Kiehl 5	4/7/1987	12/13/1988	4791072
Kiely 1-7	6/5/1990	5/5/1992	5111255
Kim 1-1	6/10/1993	4/16/1996	5508939
Kim 1-2	8/17/1983	12/10/1985	4558239
Kim 1-3-1	2/25/1986	3/21/1989	4814291
Kim 2-2	11/17/1983	3/18/1986	4577119

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

Case Name	Filing Date	Issue Date	Patent No.
Short 2-2	11/26/1986	6/7/1988	4749660
Sikorski 2	5/18/1990	5/28/1991	5018938
Simanapalli 12-10	11/25/1997	2/22/2000	6029267
Simmons 3-4	1/22/1987	1/24/1989	4800415
Singh 2-3	11/3/1995	10/14/1997	5677848
Singh 30-111-10	10/14/1980	1/5/1982	4309460
Singh 3-8	3/2/1995	2/24/1998	5721445
Small 2	4/6/1984	11/19/1985	4554229
Small 4	7/26/1985	7/22/1986	4601972
Smeltz 2	10/2/1987	5/1/1990	4922325
Smith 1	12/19/1990	3/24/1992	5099149
Smith 1	12/29/1994	4/8/1997	5619514
Smith 11	11/25/1992	1/10/1995	5380398
Smith 4	9/30/1997	1/11/2000	6014554
Smith 48-19	12/22/1980	9/7/1982	4347656
Smoocha 11	11/18/1997	10/19/1999	5969421
Smoocha 3	6/19/1990	2/5/1991	4990802
Smoocha 7	9/8/1993	11/17/1998	5838033
Sonntag 11	9/27/1995	4/28/1998	5744993
Sonntag 1-4-1	7/1/1988	4/4/1989	4818929
Sonntag 21-4	7/15/1997	1/12/1999	5859564
Sonntag 2-5	11/7/1988	7/18/1989	4849684
Sooch 1	5/16/1984	10/29/1985	4550284
Sooch 3	8/23/1984	4/15/1986	4583037
Sparber 5	10/2/1980	5/25/1982	4331913
Spires 5	12/20/1982	6/12/1984	4454479
Stanton 1-41-9	8/17/1995	1/21/1997	5596413
Stanton 2-42-10	8/17/1995	8/5/1997	5654540
Stanton 3	1/16/1996	4/6/1999	5891605
Starke 1	7/11/1984	9/16/1986	4612659
Sternheim 2-4	8/27/1982	6/12/1984	4454001
Stillwagon 5-18-15-3	5/12/1987	6/1/1993	5215867
Strauss 3	6/4/1987	4/11/1989	4821089
Strauss 4	9/14/1987	2/21/1989	4806999
Strauss 5	4/9/1992	11/23/1993	5264723
Strauss 6	3/21/1994	5/16/1995	5416431
Strauss 7	7/28/1994	5/23/1995	5418476
Strauss 8	3/23/1995	9/24/1996	5559659
Strauss 9	9/30/1996	2/17/1998	5719449
Strege 1	6/6/1989	12/25/1990	4980314
Strege 2	2/28/1990	6/11/1991	5023198
Subrahmanyam 4-2	1/10/1997	2/22/2000	6028993
Suhir 3-7	4/28/1995	5/6/1997	5627407
Swanson 2	12/20/1982	9/17/1985	4542304
Swanson 4	5/13/1983	10/16/1984	4477782
Swanson 5	10/11/1983	2/11/1986	4570080
Swanson 6	2/13/1984	9/9/1986	4611130
Swanson 7	2/11/1985	10/21/1986	4618815
Swartz 13	10/16/1987	12/6/1988	4789984
Swartz 14	10/16/1987	12/13/1988	4791628
Swartz 4	12/7/1981	1/31/1984	4428111
Szmanda 2	12/20/1982	7/31/1984	4462860
Tai 18-12	9/24/1990	8/27/1991	5043794
Tai 6-23	10/13/1983	1/29/1985	4496448
Tai 8	2/17/1984	6/2/1987	4670770
Tang 1	9/20/1996	2/9/1999	5869987
Tang 2	9/20/1996	4/7/1998	5736874