

PATENT ASSIGNMENT

Electronic Version v07

Stylesheet Version v02

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

Change of Name, Conversion, Merger, and Confirmatory Assignment

CONVEYING PARTY DATA

Name	Execution Date
Silicon Valley Group, Inc.	2001-11-01
ASML US, Inc.	2002-10-04
ASM Lithography, Inc. and ASML US, LLC	2002-12-31
ASML US, Inc.	2003-10-09

RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
ASML US, Inc.	8555 South River Parkway		Tempe	ARIZONA	85284
ASML US, LLC	1209 Orange Street		Wilmington	DELAWARE	19801
ASML US, Inc.	8555 South River Parkway		Tempe	ARIZONA	85284
ASML Holding N.V.	De Run 6501		Veldhoven	NETHERLANDS	NL-5504 DR

PROPERTY NUMBERS Total: 37

Property Type	Number
Patent Number	6307682
Application Number	09449630
Patent Number	6559922
Patent Number	6507390
Application Number	10314419
Patent Number	6509952
Patent Number	6239863
Application Number	60199392
Patent Number	6522483
Application Number	10366614
Patent Number	6307619

PATENT

REEL: 014462 FRAME: 0273

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OP \$40.00 6307682

Application Number	60199381
Application Number	60199400
Application Number	60199393
Patent Number	6556364
Application Number	10403027
Patent Number	6324003
Patent Number	6369874
Application Number	10117332
Patent Number	6570713
Application Number	09679388
Patent Number	6556281
Patent Number	6387602
Application Number	60182510
Application Number	09783406
Application Number	60219187
Application Number	09907902
Patent Number	6538720
Application Number	10369569
Application Number	60288782
Application Number	60239244
Application Number	60246065
Application Number	09986106
Patent Number	6589354
Application Number	60303044
Application Number	60303033
Application Number	09923397

CORRESPONDENCE DATA

FAX NUMBER: 202-371-2540

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 026111

NAME OF PERSON SIGNING:	Jason D. Eisenberg
DATE SIGNED:	2004-03-31

Total Attachments: 23

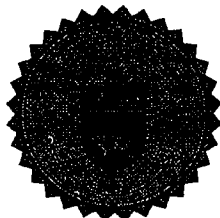
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Delaware

PAGE 1

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 AMENDMENT OF "SILICON VALLEY GROUP, INC.", CHANGING ITS NAME FROM "SILICON VALLEY GROUP, INC." TO "ASML US, INC.", FILED IN THIS OFFICE ON THE FIRST DAY OF NOVEMBER, A.D. 2001, AT 11 O'CLOCK A.M.



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 1715732

2114543 8100

020232236

DATE: 04-11-02

PATENT
REEL: 014462 FRAME: 0276

**CERTIFICATE OF AMENDMENT OF
SILICON VALLEY GROUP, INC.**

Silicon Valley Group, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, does hereby certify:

FIRST: That the Board of Directors of said corporation, by unanimous written consent of its members, filed with the minutes of the Board of Directors, adopted the following resolutions proposing and declaring advisable the following amendment to the Certificate of Incorporation of said corporation:

RESOLVED: That the name of the corporation be changed from Silicon Valley Group, Inc. to ASML US, Inc.

RESOLVED FURTHER: That the Certificate of Incorporation of the Corporation be amended by changing of article "FIRST" thereof so that, as amended, said Article shall be and read as follows:

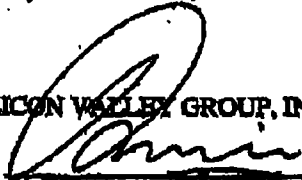
FIRST. The name of the corporation is ASML US, Inc. (hereinafter the "Corporation").

SECOND: That in lieu of a meeting and vote of stockholders, the holders of at least a majority of the issued and outstanding shares of capital stock of the corporation entitled to vote have given written consent to said amendment in accordance with Section 228 of the General Corporation Law of the State of Delaware.

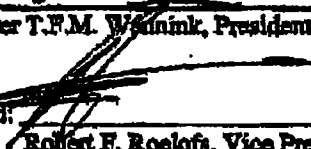
THIRD: That the aforesaid amendments were duly adopted in accordance with the applicable provisions of Section 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said Silicon Valley Group, Inc. has caused this certificate to be signed by Peter T.F.M. Wennink, its President, and attested by Robert F. Roelofs, Vice President, General Counsel, Secretary and Treasurer, effective as of the 1st day of November 2001.

SILICON VALLEY GROUP, INC.

By: 

Peter T.F.M. Wennink, President

Attested: 

Robert F. Roelofs, Vice President,
General Counsel, Secretary and
Treasurer

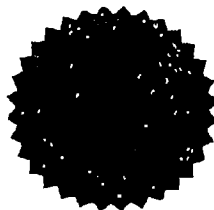
TOTAL P.03

Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "ASML US, INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "ASML US, INC." TO "ASML US, LLC", FILED IN THIS OFFICE ON THE FOURTH DAY OF OCTOBER, A.D. 2002, AT 5 O'CLOCK P.M.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

2114543 8100V

020619653

AUTHENTICATION: 2024005

DATE: 10-08-02

PATENT
REEL: 014462 FRAME: 0279

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 05:00 PM 10/04/2002
020619653 - 2114543

**CERTIFICATE OF CONVERSION
FROM A CORPORATION TO A LIMITED LIABILITY COMPANY
PURSUANT TO SECTION 266 OF THE DELAWARE GENERAL
CORPORATION LAW**

1. The name of the corporation is ASML US, Inc. The name under which the corporation was originally incorporated is Silicon Valley Group, Inc.
2. The date on which the original Certificate of Incorporation was filed with the Secretary of State is January 12, 1987.
3. The name of the limited liability company into which the corporation is herein being converted is ASML US, LLC.
4. The conversion has been approved in accordance with the provisions of Section 266.

By: /s/ Robert F. Roelofs
Secretary

Name: Robert F. Roelofs
Print or Type Name

Delaware

PAGE 1

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 MERGER, WHICH MERGES:

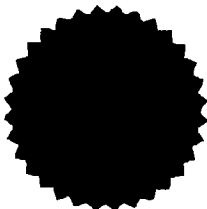
"ASM LITHOGRAPHY, INC.", A DELAWARE CORPORATION,

"ASML US, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

WITH AND INTO "ASML US, INC." UNDER THE NAME OF "ASML US, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11:15 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11:59 O'CLOCK P.M.

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

3294667 8100M

020809222

AUTHENTICATION: 2180962

DATE: 01-02-03

PATENT
REEL: 014462 FRAME: 0281

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:15 AM 12/31/2002
020809222 - 3294667

CERTIFICATE OF MERGER**OF****ASM LITHOGRAPHY, INC.****AND****ASML US, LLC****INTO****ASML US, INC.**

It is hereby certified that:

1. The constituent business entities participating in the merger herein certified are:

(a) ASM Lithography, Inc., a corporation which is incorporated under the laws of the state of Delaware;

(b) ASML US, LLC, a limited liability company which is organized under the laws of the state of Delaware; and

(b) ASML US, Inc., a corporation which is incorporated under the laws of Delaware.

2. An agreement of merger has been approved, adopted, certified, executed, and acknowledged by each of the aforesaid constituent business entities in accordance with the provisions of subsection (c) of Section 264 of the General Corporation Law of the State of Delaware and subsection (b) of Section 18-209 of the Delaware Limited Liability Company Act.

3. That the name of the surviving corporation of the merger is ASML US, Inc.

4. That the Certificate of Incorporation of ASML US, Inc., a Delaware corporation, which will survive the merger, shall be the Certificate of Incorporation of the surviving corporation.

5. That the executed Agreement of Merger is on file at an office of the surviving corporation, the address of which is ASML US, Inc., 8555 South River Parkway, Tempe, AZ 85284.

QBPHX\130429.20108169883.2

6. That a copy of the Agreement of Merger will be furnished by the surviving corporation, on request and without cost, to any stockholder or member of any constituent business entity.

7. That this Certificate of Merger shall be effective as of 11:59 p.m. on December 31, 2002.

Dated: December 31, 2002.

ASML US, INC.

/s/ Robert Roelofs
Robert Roelofs, Secretary

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CONFIRMATORY ASSIGNMENT

WHEREAS, ASML US, Incorporated, a Delaware Corporation (hereinafter "Assignor"), having a place of business at 8555 South River Parkway, Tempe, Arizona 85284, USA, and ASML Holding N.V., a Netherlands Corporation (hereinafter "Assignee"), having a place of business at De Run 1110, 5503 LA Veldhoven, The Netherlands, entered into a Confidential Intellectual Property Assignment ("Assignment") having an effective date of February 12, 2002;

WHEREAS, Assignor assigned and transferred to Assignee, on February 12, 2002, all right, title, and interest in and to certain inventions, patents, and applications (the "Assigned Inventions"), including the patents and applications set forth in Schedule A attached hereto; and

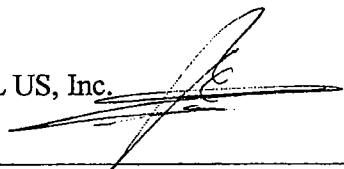
WHEREAS, the parties need a document that can be recorded to demonstrate the assignment of the Assigned Inventions, including the patents and applications set forth in the attached Schedule A;

NOW, THEREFORE, for good and valuable consideration, Assignor does hereby confirm that Assignor assigned and transferred to Assignee, its representatives, successors, and assigns, its entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, in the United States and throughout the world, (a) in the Assigned Inventions, in any and all applications thereon, and in any and all Letters Patent(s) therefor, and (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable; all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The Assignor hereby grants Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; David K. S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; John M. Covert, Esquire, Registration No. 38,759; Linda E. Alcorn, Esquire, Registration No. 39,588; Lawrence B. Bugaisky, Esquire, Registration No. 35,086; Donald J. Featherstone, Esquire, Registration No. 33,876; Robert C. Millonig, Esquire, Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; and Patrick E. Garrett, Esq., Registration No. 39,987; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to correct, if necessary, any errors present in the information in Schedule A and to insert in this assignment, including the attached Schedule A, any further information regarding the patents and patent applications so identified in such Schedule A that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office, or any other office, for recordation of this document.

SIGNED on behalf of the said ASSIGNOR, ASML US, Inc.

By:


Robert Roelofs

[Type/Print Name]

Title: General Counsel and Vice President

Date: 13-10-03

Witnessed before me:

Signature :



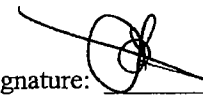
Print Name:

P. Kellogg

Address:

De Run 6501
5504 DR Veldhoven
The Netherlands

Signature:



Print Name:

Ingrid Kuining

Address:

De Run 6501
5504 DR Veldhoven
The Netherlands

SIGNED on behalf of the said ASSIGNEE, ASML Holding N.V.

By:

A.J.M. van Hoef

[Type/Print Name]

Title: Chief IP Counsel and authorized representative

Date: 9 October 2003

Witnessed before me:

Signature: 

Signature: 

Print Name: Miranda ten Bras

Print Name: Marieke van Geffen

Address: Veldhoven
The Netherlands

Address: Veldhoven
The Netherlands

SKGF Doc 164012v1

SCHEDULE A

PATENTS AND PATENT APPLICATIONS

	Country	Application No.	Filing Date	Patent No.	Issue Date
1.	US	09/504,719	16FEB2000	6,307,682	23OCT2001
2.	EP	00911830.8	16FEB2000		
3.	JP	2001-560739	16FEB2000		
4.	KR	10-2002-7010516	16FEB2000		
5.	PC	PCT/US00/03896	16FEB2000		
6.	PC	PCT/US00/40635	15AUG2000		
7.	US	09/449,630	30NOV1999		
8.	PC	PCT/US00/42336	29NOV2000		
9.	US	60/201,704	03MAY2000		
10.	US	09/846,386	02MAY2001	6,559,922	06MAY2003
11.	EP	01932838.4	02MAY2001		
12.	JP	2001-580602	02MAY2001		
13.	KR	10-2002-7000041	02MAY2001		
14.	PC	PCT/US01/14067	02MAY2001		
15.	US	09/501,180	10FEB2000	6,507,390	14JAN2003
16.	US	10/314,419	09DEC2002		
17.	PC	PCT/US00/30432	09DEC2002		
18.	US	09/575,997	23MAY2000	6,509,952	21JAN2003
19.	EP	01935527.0	16MAY2001		
20.	JP	2001-586527	16MAY2001		
21.	KR	10-2001-7000901	16MAY2001		
22.	PC	PCT/US01/15655	16MAY2001		
23.	US	60/184,782	24FEB2000		
24.	EP	00921522.9	31MAR2000		
25.	JP	2001-562246	31MAR2000		
26.	KR	10-2002-7011044	31MAR2000		
27.	PC	PCT/US00/08461	31MAR2000		
28.	US	60/158,142	08OCT1999		
29.	US	09/473,710	29DEC1999	6,239,863	29MAY2001
30.	EP	00978890.2	04OCT2000		
31.	JP	2001-530646	04OCT2000		
32.	KR	10-2002-7004501	04OCT2000		
33.	PC	PCT/US00/41056	04OCT2000		
34.	US	60/199,392	25APR2000		
35.	US	09/841,166	25APR2001	6,522,483	18FEB2003
36.	US	10/366,614	14FEB2003		
37.	EP	01930683.6	25APR2001		
38.	JP	2001-579030	25APR2001		
39.	KR	10-2001-7016533	25APR2001		
40.	PC	PCT/US01/13139	25APR2001		

SCHEDULE A

	Country	Application No.	Filing Date	Patent No.	Issue Date
41.	US	09/534,127	23MAR2000	6,307,619	23OCT2001
42.	EP	01918875.4	22MAR2001		
43.	JP	2001-569553	22MAR2001		
44.	KR	10-2002-7012352	22MAR2001		
45.	PC	PCT/US01/08973	22MAR2001		
46.	US	60/199,381	25APR2000		
47.	US	09/841,185	25APR2001		
48.	EP	01928795.2	25APR2001		
49.	JP	2001-579010	25APR2001		
50.	KR	10-2001-7016532	25APR2001		
51.	PC	PCT/US01/13142	25APR2001		
52.	US	60/199,400	25APR2000		
53.	US	09/702,854	01NOV2000	6,411,426	25JUN2002
54.	EP	01927290.5	24APR2001		
55.	JP	2001-579009	24APR2001		
56.	KR	10-2001-7016521	24APR2001		
57.	PC	PCT/US01/13020	24APR2001		
58.	US	60/199,393	25APR2000		
59.	US	09/841,108	25APR2001	6,556,364	29APR2003
60.	US	10/403,027	01APR2003		
61.	EP	01927319.2	25APR2001		
62.	JP	2001-579004	25APR2001		
63.	KR	10-2001-7016520	25APR2001		
64.	PC	PCT/US01/13140	25APR2001		
65.	US	09/471,484	23DEC1999	6,324,003	27NOV2001
66.	EP	00988198.8	21DEC2000		
67.	JP	2001-550056	21DEC2000		
68.	KR	10-2002-7008159	21DEC2000		
69.	PC	PCT/US00/34645	21DEC2000		
70.	US	09/551,531	18APR2000	6,369,874	09APR2002
71.	US	10/117,332	08APR2002		
72.	EP	00991886.3	27OCT2000		
73.	JP	2001-576542	27OCT2000		
74.	KR	10-2001-7016150	27OCT2000		
75.	PC	PCT/US00/41637	27OCT2000		
76.	US	09/793,126	27FEB2001	6,570,713	27MAY2003
77.	EP	02003837.8	20FEB2002		
78.	JP	2002-52407	27FEB2002		
79.	KR	10-2002-10238	26FEB2002		
80.	US	09/679,388	05OCT2000		
81.	EP	01977563.4	05OCT2001		
82.	JP	2002-533005	05OCT2001		
83.	KR	10-2002-7007140	05OCT2001		

SCHEDULE A

	Country	Application No.	Filing Date	Patent No.	Issue Date
84.	PC	PCT/US01/31332	05OCT2001		
85.	US	09/575,998	23MAY2000	6,556,281	29APR2003
86.	EP	01937606.0	22MAY2001		
87.	JP	2001-586528	22MAY2001		
88.	KR	10-2001-7000900	22MAY2001		
89.	PC	PCT/US01/16308	22MAY2001		
90.	US	09/504,539	15FEB2000	6,387,602	14MAY2002
91.	EP	01905253.9	31JAN2001		
92.	JP	2001-560737	31JAN2001		
93.	KR	10-2002-7010515	31JAN2001		
94.	PC	PCT/US01/03076	31JAN2001		
95.	US	60/182,510	15FEB2000		
96.	US	09/783,406	15FEB2001		
97.	PC	PCT/US01/04821	15FEB2001		
98.	US	09/899,570	06JUL2001		
99.	US	09/981,992	19OCT2001		
100.	EP	02023607.1	17OCT2002		
101.	JP	2002-304998	18OCT2002		
102.	KR	10-2002-63658	19OCT2001		
103.	TW	91122530	30SEP2002		
104.	US	60/219,187	19JUL2000		
105.	US	09/907,902	19JUL2001		
106.	EP	01957171.0	19JUL2001		
107.	JP	2002-512746	19JUL2001		
108.	KR	10-2002-7003556	19JUL2001		
109.	PC	PCT/US01/22518	19JUL2001		
110.	EP	02703091.5	11JAN2002		
111.	JP	2002-557015	11JAN2002		
112.	KR	10-2002-7011876	11JAN2002		
113.	PC	PCT/US02/00556	11JAN2002		
114.	US	09/841,187	25APR2001		
115.	EP	02009481.9	25APR2002		
116.	JP	2002-125047	25APR2002		
117.	KR	10-2002-22398	25APR2001		
118.	TW	91108247	25APR2001		
119.	US	09/794,133	28FEB2001	6,538,720	25MAR2003
120.	US	10/369,569	21FEB2003		
121.	EP	02004557.1	27FEB2002		
122.	JP	2002-55098	28FEB2002		
123.	KR	10-2002-10621	28FEB2001		
124.	US	09/635,984	09AUG2000	6,398,373	04JUN2002
125.	EP	01959590.9	08AUG2001		
126.	JP	2002-517575	08AUG2001		

SCHEDULE A

	Country	Application No.	Filing Date	Patent No.	Issue Date
127.	KR	10-2002-7004477	08AUG2001		
128.	PC	PCT/US01/24692	08AUG2001		
129.	US	60/288,782	07MAY2001		
130.	EP	02734223.7	07MAY2002		
131.	JP	2002-588157	07MAY2002		
132.	KR	10-2003-7000158	07MAY2002		
133.	PC	PCT/US02/14289	07MAY2002		
134.	TW	91109373	06MAY2002		
135.	US	60/239,244	11OCT2000		
136.	US	60/234,579	25SEP2000		
137.	US	60/246,065	07NOV2000		
138.	US	09/986,106	07NOV2001		
139.	EP	01999150.4	07NOV2001		
140.	JP	2002-564670	07NOV2001		
141.	KR	10-2002-7008802	07NOV2001		
142.	PC	PCT/US01/42992	07NOV2001		
143.	US	09/753,665	04JAN2001	6,589,354	08JUL2003
144.	EP	02718777.2	04JAN2002		
145.	JP	2002-563079	04JAN2002		
146.	KR	10-2002-7011536	04JAN2002		
147.	PC	PCT/US02/00098	04JAN2002		
148.	US	60/286,533	27APR2001		
149.	US	09/925,722	10AUG2001		
150.	CN	02802985.2	12AUG2002		
151.	EP	02763422.9	12AUG2002		
152.	JP	2003-518954	12AUG2002		
153.	KR	10-2003-7004986	12AUG2002		
154.	PC	PCT/US02/25271	12AUG2002		
155.	SG	200302005-4	12AUG2002		
156.	TW	91117896	12AUG2002		
157.	US	60/303,044	06JUL2001		
158.	US	60/303,033	06JUL2001		
159.	US	60/271,380	27FEB2001		
160.	EP	02707881.5	27FEB2002		
161.	JP	2002-568106	27FEB2002		
162.	KR	10-2002-7014433	27FEB2002		
163.	PC	PCT/US02/05656	27FEB2002		
164.	US	09/923,397	08AUG2001		
165.	US	60/313,501	21AUG2001		
166.	US	60/331,785	21NOV2001		
167.	EP	02018247.3	21AUG2002		
168.	JP	2002-241055	21AUG2002		
169.	KR	10-2002-49384	21AUG2002		

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	Country	Application No.	Filing Date	Patent No.	Issue Date
170.	TW	91118814	21AUG2002		
171.	US	10/040,375	09JAN2002		
172.	CN	03101059.8	09JAN2003		
173.	EP	02027411.4	09DEC2002		
174.	JP	2003-2557	08JAN2003		
175.	KR	10-2003-923	08JAN2003		
176.	SG	200300053-6	09JAN2003		
177.	TW	91136538	18DEC2002		
178.	US	60/329,758	18OCT2001		
179.	CN	02154739.4	18OCT2002		
180.	EP	02023411.8	18OCT2002		
181.	JP	2002-305101	18OCT2002		
182.	KR	10-2002-0063959	18OCT2002		
183.	SG	200206364-2	18OCT2002		
184.	TW	91123956	17OCT2002		
185.	US	60/329,757	18OCT2001		
186.	CN	02160297.2	18OCT2002		
187.	EP	02023412.6	18OCT2002		
188.	JP	2002-305001	18OCT2002		
189.	KR	10-2002-0063854	18OCT2002		
190.	SG	200206363-4	18OCT2002		
191.	TW	91123954	17OCT2002		
192.	US	06/308,647	05OCT1981	4,693,569	15SEP1987
193.	FR	93121146.0	30DEC1993	0608572	02MAY2003
194.	GB	93121146.0	30DEC1993	0608572	02MAY2003
195.	IT	93121146.0	30DEC1993	0608572	02MAY2003
196.	NL	93121146.0	30DEC1993	0608572	02MAY2003
197.	US	08/793,069	14FEB1997	5,966,216	12OCT1999
198.	EP	94931816.6	11OCT1994		
199.	JP	8-512546	11OCT1994		
200.	PC	PCT/US94/11506	11OCT1994		
201.	US	08/449,005	24MAY1995	5,684,566	04NOV1997
202.	DE	96107790.6	15MAY1996	69614918.4-08	05SEP2001
203.	EP	96107790.6	15MAY1996	0744641	05SEP2001
204.	FR	96107790.6	15MAY1996	0744641	05SEP2001
205.	GB	96107790.6	15MAY1996	0744641	05SEP2001
206.	IT	96107790.6	15MAY1996	0744641	05SEP2001
207.	JP	130363/96	24MAY1996		
208.	KR	17716/96	23MAY1996		
209.	NL	96107790.6	15MAY1996	0744641	05SEP2001
210.	CA	453,576	04MAY1984	1,217,223	27JAN1987
211.	CH	84106001.5	25MAY1984	0130357	30MAR1988
212.	DE	84106001.5	25MAY1984	P3470234.2	30MAR1988

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	Country	Application No.	Filing Date	Patent No.	Issue Date
213.	EP	84106001.5	25MAY1984	0130357	30MAR1988
214.	FR	84106001.5	25MAY1984	0130357	30MAR1988
215.	GB	84106001.5	25MAY1984	0130357	30MAR1988
216.	IT	84106001.5	25MAY1984	0130357	30MAR1988
217.	JP	118398/84	11JUN1984	1873403	26SEP1994
218.	NL	84106001.5	25MAY1984	0130357	30MAR1988
219.	US	60/031,725	25NOV1996		
220.	US	08/799,107	11FEB1997	6,259,513	10JUL2001
221.	US	09/599,383	22JUN2000		
222.	CA	2,349,771	06JUN2001		
223.	EP	97118963.4	30OCT1997		
224.	EP	01115009.1	20JUN2001		
225.	JP	323180/97	25NOV1997		
226.	JP	2001-188653	21JUN2001		
227.	KR	62663/97	25NOV1997		
228.	KR	10-2001-0034900	20JUN2001		
229.	US	08/015,520	09FEB1993	5,285,142	08FEB1994
230.	DE	94300499.4	24JAN1994	P69428617.6	17OCT2001
231.	EP	94300499.4	24JAN1994	0611062	17OCT2001
232.	FR	94300499.4	24JAN1994	0611062	17OCT2001
233.	GB	94300499.4	24JAN1994	0611062	17OCT2001
234.	IT	94300499.4	24JAN1994	0611062	17OCT2001
235.	JP	5-108523	10MAY1993	3325077	05JUL2002
236.	KR	2322/94	08FEB1994	283784	13DEC2000
237.	NL	94300499.4	24JAN1994	0611062	24JAN1994
238.	US	06/595,188	30MAR1984		
239.	US	06/842,145	21MAR1986	4,907,035	06MAR1990
240.	GB	8502075	28JAN1985	2157078	30SEP1987
241.	JP	61056/85	27MAR1985	1846953	07JUN1994
242.	US	06/504,718	15JUN1983	4,530,635	23JUL1985
243.	CA	454,033	10MAY1984	1,233,628	08MAR1988
244.	CH	84106072.6	28MAY1984	0129108	17AUG1988
245.	DE	84106072.6	28MAY1984	P3473555.0	17AUG1988
246.	EP	84106072.6	28MAY1984	0129108	17AUG1988
247.	FR	84106072.6	28MAY1984	0129108	17AUG1988
248.	GB	84106072.6	28MAY1984	0129108	17AUG1988
249.	IT	84106072.6	28MAY1984	0129108	17AUG1988
250.	JP	120906/84	14JUN1984	1927176	25APR1995
251.	NL	84106072.6	28MAY1984	0129108	17AUG1988
252.	US	06/796,339	12NOV1985	4,734,829	29MAR1988
253.	CH	86115348.4	05NOV1986	0222318	03FEB1993
254.	DE	86115348.4	05NOV1986	P3687691.7	03FEB1993
255.	EP	86115348.4	05NOV1986	0222318	03FEB1993
256.	FR	86115348.4	05NOV1986	0222318	03FEB1993

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	Country	Application No.	Filing Date	Patent No.	Issue Date
257.	GB	86115348.4	05NOV1986	0222318	03FEB1993
258.	IT	86115348.4	05NOV1986	0222318	03FEB1993
259.	JP	266805/86	11NOV1986	2,067,666	10JUL1996
260.	NL	86115348.4	05NOV1986	0222318	03FEB1993
261.	US	06/876,068	19JUN1986	4,726,671	23FEB1988
262.	JP	151564/87	19JUN1987	2016057	19FEB1996
263.	KR	5371/87	29MAY1987	101217	26JUN1996
264.	US	06/856,881	28APR1986	4,681,408	21JUL1987
265.	CH	87105997.8	24APR1987	0256212	29JAN1992
266.	DE	87105997.8	24APR1987	P3776453.5	29JAN1992
267.	EP	87105997.8	24APR1987	0256212	29JAN1992
268.	FR	87105997.8	24APR1987	0256212	29JAN1992
269.	GB	87105997.8	24APR1987	0256212	29JAN1992
270.	IT	87105997.8	24APR1987	0256212	29JAN1992
271.	JP	103441/87	28APR1987	1980491	17OCT1995
272.	KR	3951/87	24APR1987	101218	26JUN1996
273.	NL	87105997.8	24APR1987	0256212	29JAN1992
274.	US	08/048,860	19APR1993	5,352,962	04OCT1994
275.	US	06/505,592	20JUN1983	4,606,643	19AUG1986
276.	US	06/780,786	27SEP1985	4,586,787	06MAY1986
277.	US	06/790,673	23OCT1985	4,668,366	26MAY1987
278.	US	06/732,764	10MAY1985	4,711,535	08DEC1987
279.	US	06/621,839	18JUN1984	4,580,104	01APR1986
280.	US	06/877,817	24JUN1986	4,719,705	19JAN1988
281.	DE	87108418.2	11JUN1987	P3787409.8	15SEP1993
282.	EP	87108418.2	11JUN1987	0250964	15SEP1993
283.	FR	87108418.2	11JUN1987	0250964	15SEP1993
284.	GB	87108418.2	11JUN1987	0250964	15SEP1993
285.	IT	87108418.2	11JUN1987	0250964	15SEP1993
286.	JP	153600/87	22JUN1987	2,550,075	08AUG1996
287.	KR	6193/87	19JUN1987	087012	18JUL1995
288.	NL	87108418.2	11JUN1987	0250964	15SEP1993
289.	US	06/868,506	31JUL1986	4,697,087	29SEP1987
290.	CA	539,817	16JUN1987	1,252,224	04APR1989
291.	CH	87109074.2	24JUN1987	0254871	19MAY1993
292.	DE	87109074.2	24JUN1987	P3785891.2	19MAY1993
293.	EP	87109074.2	24JUN1987	0254871	19MAY1993
294.	FR	87109074.2	24JUN1987	0254871	19MAY1993
295.	GB	87109074.2	24JUN1987	0254871	19MAY1993
296.	IT	87109074.2	24JUN1987	0254871	19MAY1993
297.	JP	186793/87	28JUL1987	2,634,597	25APR1997
298.	KR	8239/87	29JUL1987	92213	28NOV1995
299.	NL	87109074.2	24JUN1987	0254871	19MAY1993

SCHEDULE A

	Country	Application No.	Filing Date	Patent No.	Issue Date
300.	US	06/927,202	11NOV1986	4,760,429	26JUL1988
301.	DE	87116258.2	04NOV1987	P3787245.1	01SEP1993
302.	EP	87116258.2	04NOV1987	0266760	01SEP1993
303.	FR	87116258.2	04NOV1987	0266760	01SEP1993
304.	GB	87116258.2	04NOV1987	0266760	01SEP1993
305.	IT	87116258.2	04NOV1987	0266760	01SEP1993
306.	JP	278417/87	05NOV1987	2,679,673	01AUG1997
307.	KR	12431/87	05NOV1987	96968	14MAR1996
308.	NL	87116258.2	04NOV1987	0266760	01SEP1993
309.	US	07/012,538	09FEB1987	4,846,626	11JUL1989
310.	US	07/351,741	17APR1989	4,973,217	27NOV1990
311.	US	07/577,209	04SEP1990	5,085,558	04FEB1992
312.	US	07/790,427	12NOV1991	5,193,972	16MAR1993
313.	DE	88101813.9	08FEB1988	P3889473.4	11MAY1994
314.	EP	88101813.9	08FEB1988	0278462	11MAY1994
315.	FR	88101813.9	08FEB1988	0278462	11MAY1994
316.	GB	88101813.9	08FEB1988	0278462	11MAY1994
317.	IT	88101813.9	08FEB1988	0278462	11MAY1994
318.	JP	26708/88	09FEB1988	2,591,776	19DEC1996
319.	KR	1177/88	09FEB1988	109820	28DEC1996
320.	NL	88101813.9	08FEB1988	0278462	11MAY1994
321.	US	09/426,250	25OCT1999	6,444,372	03SEP2002
322.	US	10/198,332	17JUL2002		
323.	EP	00122881.6	20OCT2000		
324.	JP	20000-325436	25OCT2000		
325.	KR	62219/2000	23OCT2000		
326.	US	07/012,537	09FEB1987	4,778,332	18OCT1988
327.	DE	88101809.7	08FEB1988	P3852770.7	18JAN1995
328.	EP	88101809.7	08FEB1988	0278460	18JAN1995
329.	FR	88101809.7	08FEB1988	0278460	18JAN1995
330.	GB	88101809.7	08FEB1988	0278460	18JAN1995
331.	IT	88101809.7	08FEB1988	0278460	18JAN1995
332.	JP	26709/88	09FEB1988	2,550,130	08AUG1996
333.	KR	1178/88	09FEB1988	116223	10JUN1997
334.	NL	88101809.7	08FEB1988	0278460	18JAN1995
335.	US	07/198,545	18MAY1988	4,952,858	28AUG1990
336.	CH	89108854.4	17MAY1989	0342639	27DEC1995
337.	DE	89108854.4	17MAY1989	P68925233.1	27DEC1995
338.	EP	89108854.4	17MAY1989	0342639	27DEC1995
339.	FR	89108854.4	17MAY1989	0342639	27DEC1995
340.	GB	89108854.4	17MAY1989	0342639	27DEC1995
341.	IT	89108854.4	17MAY1989	0342639	27DEC1995
342.	JP	123023/89	18MAY1989	2,871,722	08JAN1999

SCHEDULE A

	Country	Application No.	Filing Date	Patent No.	Issue Date
343.	NL	89108854.4	17MAY1989	0342639	27DEC1995
344.	US	07/223,968	15JUL1988	4,953,960	04SEP1990
345.	CA	602,797	14JUN1989	1,320,375	20JUL1993
346.	CH	89112975.1	14JUL1989	0350955	06NOV1996
347.	DE	89112975.1	14JUL1989	P68927423.8	06NOV1996
348.	EP	89112975.1	14JUL1989	0350955	06NOV1996
349.	FR	89112975.1	14JUL1989	0350955	06NOV1996
350.	GB	89112975.1	14JUL1989	0350955	06NOV1996
351.	IT	89112975.1	14JUL1989	0350955	06NOV1996
352.	JP	180667	14JUL1989	2141416	18AUG2000
353.	NL	89112975.1	14JUL1989	0350955	06NOV1996
354.	US	07/301,088	25JAN1989	4,953,388	04SEP1990
355.	CH	90100945.6	17JAN1990	0380967	03NOV1993
356.	DE	90100945.6	17JAN1990	P69004277.9	03NOV1993
357.	EP	90100945.6	17JAN1990	0380967	03NOV1993
358.	FR	90100945.6	17JAN1990	0380967	03NOV1993
359.	GB	90100945.6	17JAN1990	0380967	03NOV1993
360.	IT	90100945.6	17JAN1990	0380967	03NOV1993
361.	JP	2-11964	23JAN1990	2,923,567	07MAY1999
362.	NL	90100945.6	17JAN1990	0380967	03NOV1993
363.	US	07/831,818	06FEB1992	5,212,593	18MAY1993
364.	DE	93300515.9	25JAN1993	P69306428.5	11DEC1996
365.	EP	93300515.9	25JAN1993	0554994	11DEC1996
366.	FR	93300515.9	25JAN1993	0554994	11DEC1996
367.	GB	93300515.9	25JAN1993	0554994	11DEC1996
368.	IT	93300515.9	25JAN1993	0554994	11DEC1996
369.	JP	5-17208	04FEB1993		
370.	KR	1512/93	05FEB1993	301149	22JUN2001
371.	NL	93300515.9	25JAN1993	0554994	11DEC1996
372.	US	08/545,331	19OCT1995		
373.	US	08/686,085	24JUL1996	5,727,685	17MAR1998
374.	EP	96116187.4	09OCT1996		
375.	JP	276585/96	18OCT1996		
376.	KR	46425/96	17OCT1996		
377.	US	08/838,549	09APR1997	5,767,523	16JUN1998
378.	EP	98104927.3	18MAR1998		
379.	JP	96121/98	08APR1998		
380.	KR	12371/98	08APR1998		
381.	US	08/292,096	17AUG1994	5,477,057	19DEC1995
382.	DE	95112089.8	01AUG1995	P69526890.2	05JUN2002
383.	EP	95112089.8	01AUG1995	0698826	05JUN2002
384.	FR	95112089.8	01AUG1995	0698826	05JUN2002
385.	GB	95112089.8	01AUG1995	0698826	05JUN2002

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386.	IT	95112089.8	01AUG1995	0698826	05JUN2002
387.	JP	209736/95	17AUG1995		
388.	KR	24988/95	17AUG1995	381745	12APR2003
389.	NL	95112089.8	01AUG1995	0698826	05JUN2002
390.	US	08/448,994	24MAY1995	5,724,122	03MAR1998
391.	DE	96107800.3	15MAY1996	P69605479.5	08DEC1999
392.	EP	96107800.3	15MAY1996	0744663	08DEC1999
393.	FR	96107800.3	15MAY1996	0744663	08DEC1999
394.	GB	96107800.3	15MAY1996	0744663	08DEC1999
395.	IT	96107800.3	15MAY1996	0744663	08DEC1999
396.	JP	130365/96	24MAY1996		
397.	KR	17715/96	23MAY1996		
398.	NL	96107800.3	15MAY1996	0744663	08DEC1999
399.	US	08/449,301	24MAY1995	5,631,721	20MAY1997
400.	EP	96107801.1	15MAY1996		
401.	EP	00103829.8	23FEB2000		
402.	JP	130360/96	24MAY1996		
403.	KR	17717/96	23MAY1996		
404.	US	08/571,081	12DEC1995	5,815,310	29SEP1998
405.	EP	96118465.2	18NOV1996		
406.	JP	330929/96	11DEC1996		
407.	KR	64425/96	11DEC1996		
408.	DE	95909301.4	20JAN1995	P69530757.6-08	14MAY2003
409.	FR	95909301.4	20JAN1995	0745211	14MAY2003
410.	GB	95909301.4	20JAN1995	0745211	14MAY2003
411.	IT	95909301.4	20JAN1995	0745211	14MAY2003
412.	NL	95909301.4	20JAN1995	0745211	14MAY2003
413.	US	60/031,746	25NOV1996		
414.	US	08/835,653	10APR1997	5,896,188	20APR1999
415.	EP	97119174.7	03NOV1997		
416.	JP	323566/97	25NOV1997		
417.	KR	61653/97	21NOV1997		
418.	US	09/826,214	04APR2001	6,573,975	03JUN2003
419.	US	10/419,101	21APR2003		
420.	EP	02006924.1	26MAR2002		
421.	JP	2002-100410	02APR2002		
422.	KR	10-2002-0017200	29MAR2002		
423.	TW	91106134	28MAR2002		
424.	US	09/236,888	26JAN1999	6,573,978	03JUN2003
425.	US	10/359,722	07FEB2003		
426.	EP	00101089.1	20JAN2000		
427.	JP	2000-17124	26JAN2000		
428.	KR	3028/2000	22JAN2000		

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	Country	Application No.	Filing Date	Patent No.	Issue Date
429.	US	08/730,787	16OCT1996	5,920,396	06JUL1999
430.	US	09/290,217	13APR1999	5,966,215	12OCT1999
431.	EP	97117177.2	01OCT1997		
432.	JP	283685/97	16OCT1997		
433.	KR	52796/97	15OCT1997		
434.	US	09/238,976	27JAN1999	6,195,201	27FEB2001
435.	EP	00101088.3	20JAN2000		
436.	JP	2000-19201	27JAN2000		
437.	KR	2313/2000	19JAN2000		
438.	US	08/785,764	23DEC1996	5,757,160	26MAY1998
439.	EP	97121988.6	12DEC1997		
440.	JP	353743/97	22DEC1997		
441.	KR	70006/97	23DEC1997		
442.	US	09/473,259	27DEC1999	6,445,439	03SEP2002
443.	EP	00128004.9	20DEC2000		
444.	JP	2000-395889	26DEC2000		
445.	KR	78947/2000	20DEC2000		
446.	US	09/620,886	21JUL2000	6,486,940	26NOV2002
447.	CA	2,352,088	04JUL2001		
448.	EP	01117229.3	16JUL2001		
449.	JP	2001-221852	23JUL2001		
450.	KR	10-2001-0043034	18JUL2001		
451.	US	09/339,506	24JUN1999		
452.	EP	00112970.9	20JUN2000		
453.	JP	2001-191508	26JUN2000		
454.	KR	34709/2000	23JUN2000		
455.	US	08/835,845	30APR1997	5,818,575	06OCT1998
456.	EP	98107125.1	20APR1998		
457.	JP	120909/98	30APR1998		
458.	KR	15456/98	30APR1998		
459.	DE	98117168.9	10SEP1998	P69813126.6	09APR2003
460.	FR	98117168.9	10SEP1998	0903605	09APR2003
461.	GB	98117168.9	10SEP1998	0903605	09APR2003
462.	IT	98117168.9	10SEP1998	0903605	09APR2003
463.	NL	98117168.9	10SEP1998	0903605	09APR2003
464.	US	08/878,633	19JUN1997	5,973,764	26OCT1999
465.	EP	98111034.9	16JUN1998		
466.	JP	68298/98	16JUN1998		
467.	KR	23094/98	19JUN1998		
468.	US	09/785,777	16FEB2001		
469.	US	10/654,406	04SEP2003		
470.	EP	02003451.8	14FEB2002		
471.	JP	2002-40342	18FEB2002		

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472.	KR	10-2002-0006383	05FEB2002		
473.	TW	91106034	27MAR2002		
474.	US	09/371,337	10AUG1999	6,469,793	22OCT2002
475.	EP	00115757.7	21JUL2000		
476.	JP	2000-240007	08AUG2000		
477.	KR	43932/2000	29JUL2000		
478.	US	09/344,664	25JUN1999	6,360,012	19MAR2002
479.	EP	00113258.8	21JUN2000		
480.	JP	2000-191507	26JUN2000		
481.	KR	34711/2000	23JUN2000		
482.	US	09/553,270	20APR2000		
483.	CA	2,338,479	27FEB2001		
484.	EP	01109039.6	11APR2001		
485.	JP	2001-121418	19APR2001		
486.	KR	10-2001-0020629	18APR2001		
487.	US	08/829,099	31MAR1997	5,966,202	12OCT1999
488.	US	09/023,407	12FEB1998	5,895,737	20APR1999
489.	US	09/232,758	15JAN1999	6,013,401	11JAN2000
490.	US	09/232,756	15JAN1999	6,292,255	18SEP2001
491.	US	09/391,928	08SEP1999	6,097,474	01AUG2000
492.	EP	98104955.4	18MAR1998		
493.	EP	00100438.1	10JAN2000		
494.	EP	00100439.9	10JAN2000		
495.	JP	86490/98	31MAR1998		
496.	JP	2000-8325	17JAN2000		
497.	JP	2000-8016	17JAN2000		
498.	KR	11149/98	31MAR1998		
499.	KR	1639/2000	14JAN2000		
500.	KR	1281/2000	12JAN2000		