

08-27-1999



101128625
RECORDATION FORM COVER SHEET
PATENTS ONLY

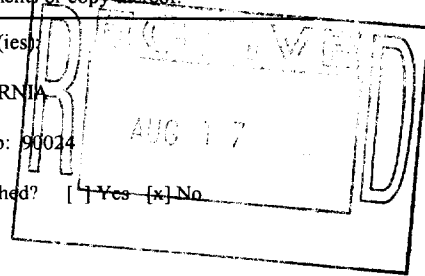
FORM PTO-1595
1-31-92

8.17.99

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>MSC.SOFTWARE CORPORATION formerly known as MACNEAL-SCHWENDLER CORPORATION</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of Conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input checked="" type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: August 11, 1999</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: COMERICA BANK-CALIFORNIA Address: 10900 WILSHIRE BLVD. City: LOS ANGELES State: CA Zip: 90024</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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:

<p>A. Patent Application No.(s)</p> <p>N/A</p>	<p>B. Patent No.(s)</p> <p>See Schedule A attached hereto.</p>
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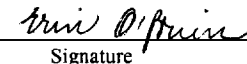
Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Erin O'Brien Internal Address: GRAY CARY WARE & FREIDENRICH 401 B Street, Suite 1700 San Diego, CA 92101-4297</p>	<p>6. Total number of applications and patents involved: 7</p> <hr/> <p>7. Total fee (37 CFR 3.41) \$ 210.00 <input type="checkbox"/> Enclosed</p> <hr/> <p>8. Deposit account number: 07-1895 Please debit any underpayment or credit any overpayment to the above deposit account.</p> <p>Our Order No. 1030967-909000</p>
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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.

Erin O'Brien  August 17, 1999
Name of Person Signing Signature Date

Total number of pages comprising cover sheet: 17A

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:

08/27/1999 DCOATES 00000004 071895 4294559
01 FC:581 280.00 CH

U.S. Patent and Trademark Office
Office of Public Records
Crystal Gateway 4, Room 335
Washington, DC 20231

SD\1299875.1
1030967-909000

PATENT
REEL: 010188 FRAME: 0208

PATENT SCHEDULE A

PATENT NO.	TITLE	INVENTOR(S)
4,294,559	Pre-Stressed Structural Joint	Schutzler, Jerome C.
4,439,392	Method and Apparatus for Making a Glass Laminated Structure	Schutzler, Jerome C. Jechel, Kurt E.
4,487,478	Laser Protection Device	Jackson, Robert F.
4,501,058	Method of Pre-Stressing a Structural Member	Schutzler, Jerome C.
4,806,191	Glass Laminated Structure Injection Molding and Laminating Apparatus	Jechel, Kurt E. Schutzler, Jerome C.
4,999,246	Glass Laminated Structure, Laminating Apparatus, and Methodology	Jechel, Kurt E., Schutzler, Jerome C.
5,089,063	Method for Providing Adhesion to a Metal Surface	Harrah, Larry A.; Allred, Ronald E.; Wilson, Jr., Kennard V.

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of August 11, 1999 by and between Comerica Bank-California ("Bank") and MSC Software Corporation., a Delaware corporation ("Grantor").

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain other financial accommodation to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, Grantor agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement and other obligations owing to Bank from time to time, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under certain property (including without limitation those Copyrights, Patents and Trademarks listed on Schedules A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all reissues, divisions continuations, renewals, extensions and continuations-in-part thereof (the "Intellectual Property Collateral").

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

ADDRESS OF GRANTOR:

815 Colorado Blvd.
Los Angeles, CA 90041

Attn: Mr. Lou Greco.

MSC.SOFTWARE CORPORATION

By: *Louis G Greco*

Title: CFO

BANK:

ADDRESS OF BANK:

10900 Wilshire Blvd.
Los Angeles, CA 90024

Attn: Mr. David Galst

COMERICA BANK-CALIFORNIA

By: *David Galst*

Title: Vice President

EXHIBIT A

Copyrights

MSC Software Corporation has copyright applications pending for the following products:

MSC/NASTRAN
MSC/PATRAN
MSC/DYTRAN
MSC/MVISION

MSC Software Corporation has the following copyrights registered with the United States Copyright Office:

Title of Work:	Number
MSC/NASTRAN Numerical Methods User's Guide Version 68	TX-4-122-699
MSC/NASTRAN Release Notes Version 68	TX 4-086-208
MSC/CASE	TX 1 678 211
NVH_Manager	TXu 672-362
SubSystem – Modeler; SubSystem – Template	TXu 670-776
The MacNeal-Schwendler Corporation: The First Twenty Years	TX – 2 332 521
PROBE: A computer Implementation of the p-Version of the Finite Element Method	TXu 196-340
MACE	TX 1 752 523
MSC/mod	TX 2 353 128
MSC/CASE	TX 1 678 211
MSC/CAL	TX 2 132 881
MSC/CEL	TX 2-422-984
MSC/AutoFEM	TX 1 974 358
PISCES ELK Program, User Manuals	TX 2 066 001
ADCAD2 User's Manual	TX 2 399 000

MSC/NASTRAN Common Questions and Answers Second Edition, Version 68	TX 4-026-594
MSC/NASTRAN: Common Questions & Answers For Version 67.5	TX 3-838-796
MSC/NASTRAN Bibliography Second Edition	TX 4-046-273
MSC/NASTRAN Bibliography	TX 3-838-795
MSC/NASTRAN Geometry Evaluator Developer's Guide	TX 4-119-779
MSC/Nastran Aerolastic Analysis User's Guide, version 68	TX 3-662-961
MSC/NASTRAN Design Sensitivity and Optimization User's Guide, Version 68	TX 4-018-132
User's Guide: MSC/NASTRAN Design Sensitivity and Optimization (V.67)	TX 3-838-793
Handbook for Structural Optimization (MSC/NASTRAN V.66)	TX 3 641 824
User's Guide: MSC/NASTRAN Numerical Methods (V.67)	TX 3-838-789
Handbook for Numerical Methods (MSC/NASTRAN V.65)	TX 3 641 825
MSC/NASTRAN DMAP Module Dictionary Version 68	TX 4-122-074
Handbook for Non-Linear Analysis (Based on Version 67)	TX 3-838-843
Getting Started with MSC/NASTRAN User's Guide	TX 3-852-596
Users Manual – MSC/NASTRAN Version 67	TX 3 663 368
Users Manual (MSC/NASTRAN V.66)	TX 3 682 218
MSC/NASTRAN Users Manual (MSC/NASTRAN V. 66A) Vol. 1	TX 3-685-660
MSC/NASTRAN Handbook for Superelement Analysis	TX 2-384-134
MSC/NASTRAN Aeroelastic Supplement	TX 2 392 005

MSC/NASTRAN Linear Static Analysis User's Guide Version 68	TX 4-122-747
MSC/NASTRAN Handbook for Linear Analysis	TX 2-443-605
MSC/NASTRAN Handbook for Dynamic Analysis	TX 2 326 640
MSC/NASTRAN Thermal Analysis User's Guide Version 68	TX 4-121-462
MSC/NASTRAN Handbook for Thermal Analysis	TX 2 326 641
Introduction to MSC/NASTRAN Version 67	TX 3 730 982
Introduction to Finite Element Analysis and Nastran Utilization	TXu 230 999
MSC/NASTRAN Installation and Operation Instructions SUN (Solaris) Version 68	X 4-085-401
MSC/NASTRAN Installation and Operation Instructions CRAY (UNICOS)	TX 4-085-400
MSC/NASTRAN Installation and Operation Instructions CONVEX (ConvexOS) Version 68	TX 4-119-490
MSC/NASTRAN Installation and Operation Instructions HP 9000 (HP-UX) Version 68	TX 4-119-491
MSC/NASTRAN Installation and Operation Instructions IBM RISC System/6000 V. 68	TX 4-119-494
MSC/NASTRAN Installation and Operation Instructions SUN (SunOS) Version 68	TX 4-119-492
MSC/NASTRAN Installation and Operation	TX 4-119-495
MSC/NASTRAN Installation and Operation Instructions Digital Alpha (OSF/1) Version 68	TX 4-119-496
MSC/NASTRAN Application Manual, Sections 7.6 & 7.7 Intel 386/486 (SCO UNIX) Version 67.5	TX 4-112-410
MSC/NASTRAN Application Manual, Sections 7.6 & 7.7 HITACHI (HI-OSF/1-MJ) Version 67.5	TX 4-095-550
MSC/NASTRAN Release Notes for Version 67.5	TX 3 641 823
MSC/NSTRAN V. 67.5 Installation Procedure for Convex	TX 3 641 821

MSC/NASTRAN V. 67.5 Installation Procedure for CRAY (UNICOS)	TX 3 679 607
MSC/NASTRAN V. 67.5 Installation Procedure for DEC VAX (VMS)	TX 3-838-792
MSC/NASTRAN V. 67R2	TX 3-838-790
MSC/NASTRAN V. 67.5 Installation procedure for HP9000 (HP-UX)	TX 3-838-794
MSC/NASTRAN, V. 67.5 Installation Procedure for IBM RISC System 6000	TX 3 641 822
MSC/NASTRAN V. 67.5 Installation Procedure for IBM (MVS/XA)	TX 3 679 606
MSC/NASTRAN V. 67.5 Installation Procedure for SGI (IRIX)	TX 3-838-791
MSC/NASTRAN V. 67.5 Installation Procedure for Sun	TX 3 679 608
MSR-48 MSGMESH USER'S GUIDE	A 791247
MSC/NASTRAN APPLICATION MANUAL [MSR-35, Jerrard A. Joseph, Editor, November 1972]	A 404717
MSC/NASTRAN APPLICATION MANUAL MSR-35 Update Documentation, Edition 73.1-C, 3/20/73	A 550535
MSC/NASTRAN APPLICATION MANUAL MSR-35 Update Documentation, Edition 73.2-C, 5/1/73	A 550534
MSC/NASTRAN APPLICATION MANUAL MSR-35 Update Documentation, Edition 73.3-C, 7/1/73	A 550533
MSC/NSTRAN APPLICATION MANUAL MSR-35 Update Documentation, Edition 73.4-C, 8/1/73	A 550532
MSC/NASTRAN APPLICATION MANUAL MSR-35 Update Documentation, Edition 73.5-C, 9/1/73	A 550531
MSC/NASTRAN APPLICATION MANUAL MSR-35 Update Documentation, Edition 73.6-I, 10/10/73	A 550536

MSC/NASTRAN APPLICATION MANUAL MSR-35 Update Documentation, Edition 73.1-I, 3/20/73	A 550537
MSC/NASTRAN APPLICATION MANUAL MSR-35 Update Documentation, Edition 73.5-I, 9/1/73	A 550538
MSC/NASTRAN APPLICATION MANUAL	A 550539
MSC/NASTRAN APPLICATION MANUAL MSR-35 Update Documentation, Edition 73.3-I, 7/1/73	A 550540
MSC/NSTRAN APPLICATION MANUAL MSR-35 Update Documentation, Edition 73.2-I, 5/1/73	A 550541
MSC/NASTRAN APPLICATION MANUAL MSR-35 Update Documentation, Edition 73.6-C 10/10/73	A 550542
MSC/NASTRAN APPLICATION MANUAL FOR UNIVAC 1100 SERIES MSR-35 January 1974	A 657365
MSC/CDC NASTRAN APPLICATION MANUAL Update Documentation 74.5 9/1/74	A 657366
MSC/CDC NASTRAN APPLICATION MANUAL Update Documentation 74.4 6/20/74	A 657367
MSC/CDC NASTRAN APPLICATION MANUAL Update Documentation 74.3 4/20/74	A 657368
MSC/NASTRAN APPLICATION MANUAL Update Documentation 74.2-C 3/10/74	A 657369
MSC/NASTRAN APPLICATION MANUAL Update Documentation 74.1-C 1/10/74	A 657370
MSC/IBM NASTRAN APPLICATION MANUAL Update Documentation 74.5 9/1/74	A 657371
MSC/IBM NASTRAN APPLICATION MANUAL Update Documentation 74.4 6/20/74	A 657372
MSC/IBM NASTRAN APPLICATION MANUAL Update Documentation 74.3 4/20/74	A 657373

MSC/NASTRAN APPLICATION MANUAL Update Documentation 74.2-I 3/10/74	A 657374
MSC/NASTRAN APPLICATION MANUAL Update Documentation 74.1-I 1/10/74	A 657375
MSC/UNIVAC NASTRAN APPLICATION MANUAL Update Documentation 74.5 9/1/74	A 657376
MSC/UNIVAC NASTRAN APPLICATION MANUAL Update Documentation 74.4 6/20/74	A 657577
MSC/UNIVAC NASTRAN APPLICATION MANUAL Update Documentation 74.3 4/20/74	A 657378
MSC/NASTRAN APPLICATION MANUAL MANUAL Update Documentation 74.2-U 3/10/74	A657379
MSC/UNIVAC NASTRAN APPLICATION MANUAL {Update Documentation 75.1}	A 767282
MSC/UNIVAC NASTRAN APPLICATION MANUAL – 1975 Update Series [Update Documentation 75.2]	A 791243
MSC/IBM NASTRAN APPLICATION MANUAL Update Series [Update Documentation 75.2]	A 791244
MSC/IBM NASTRAN APPLICATION MANUAL Update Series [Update Documentation 75.1]	A 791245
MSC/CDC NASTRAN APPLICATION MANUAL Update Series [Update Documentation 75.1]	A 791246
MSC/CDC 7600 NASTRAN APPLICATION MANUAL – 1975 Update Series	A 791248
MSC/CDC/6000 NASTRAN APPLICATION MANUAL – 1975 Update Series [Update Documentation 75-2]	A 791249

MSC/NSTRAN APPLICATION MANUAL
FOR CDC 7000 SERIES

A 792761

MSC/XL Users Manual (Version 2.0)

TX 3-848-552

MSC/XL Users Manual Version 1

TX 3 658 655

Concept Solids, Version 4.0.1

TX 3 402 882

MSC/WORLD
Version 2

TX 4-096-538

MSC/WORLD
Version 1

TX4-087-159

MSC/WORLD
Volume IV

TX 4-096-537

MSC/WORLD
Volume IV2

TX 4-087-167

MSC/WORLD
Volume IV1

TX 3-797-302

MSC/WORLD
Volume III #3

X 3 674 930

MSC/WORLD
Volume III #2

TX 3 674 928

MSC/WORLD
Volume III #1

TX 3 674 765

MSC/WORLD
Volume II #2

TX 3 674 767

MSC/WORLD
Volume II #1

TX 3 674 766

MSC/WORLD
Volume 1 #2

TX 3 674 931

MSC/WORLD

TX 3 674 929

MSC/MATE

TX 1 701 129

MSC/pal 2

TX 1 715 660

EXHIBIT B

Patents

MSC Software Corporation has a patent application pending for Distributed Application Queuing Service Method and Application.

PDA Engineering, Inc. has filed a transfer application to assign seven patents to MSC Software Corporation, a copy of the application is attached hereto.

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Docket No. _____

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): PDA ENGINEERING, INC. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party: Name: <u>MacNEAL-SCHWENDLER CORPORATION</u> Internal Address: _____ City: _____ State: _____ Zip: _____ Street Address: <u>815 Colorado Boulevard</u> City: <u>Los Angeles</u> State: <u>CA</u> Zip: <u>90041-1777</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>December 7, 1998</u></p>	

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: _____

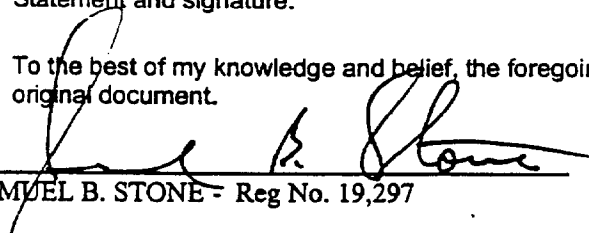
A. Patent Application No(s). <u>See Attached Schedule A</u>	B. Patent No(s): _____
Additional numbers attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>SAMUEL B. STONE</u> Internal Address: <u>LYON & LYON LLP</u> <u>633 West Fifth Street, Suite 4700</u> <u>Los Angeles, CA 90071-2066</u></p>	<p>6. Total number of applications and patents involved: <u>7</u></p> <p>7. Total fee (37 CFR 3.41): <u>\$280.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Charge this Deposit Account if any additional fee is required</p> <p>8. Deposit Account Number: <u>12-2475</u></p>
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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.


Date: January 12, 1999

SAMUEL B. STONE - Reg No. 19,297

Total number of pages including cover sheet: 4

OMB No. 0651-0011 (exp. 4/94)

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Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

ASSIGNMENT

WHEREAS, PDA ENGINEERING, INC., Costa Mesa, California, a California corporation (hereinafter "Assignor), is the owner of the inventions and U.S. Letters Patent as identified as "Patent Properties" and listed on Patent Schedule A hereto.

WHEREAS, MacNEAL-SCHWENDLER CORPORATION, having a principal place of business at 815 Colorado Boulevard, Los Angeles, California 90041-1777, a Delaware corporation (hereinafter "Assignee), has acquired the assets of PDA and is desirous of acquiring the exclusive right, title and interest in and to said invention and in, to and under Letters Patent and similar legal protection therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto, and the right to sue and recover for past infringement thereof.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest in and to said inventions and to all Letters Patent and similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto, to be obtained for said inventions by any application, continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention, and including the right to sue and recover for past infringement thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Dated this 7th of Dec, 1998.

PDA ENGINEERING

BY *Louis A. Greco*

Title: CFO

LOUIS A. GRECO
CHIEF FINANCIAL OFFICER

(Printed Name)

ATTEST: *Margaret E. Williams*

PATENT SCHEDULE A

PATENT NO.	TITLE	INVENTOR(S)
4,294,559	Pre-Stressed Structural Joint	Schutzler, Jerome C.
4,439,392	Method and Apparatus for Making a Glass Laminated Structure	Schutzler, Jerome C. Jechel, Kurt E.
4,487,478	Laser Protection Device	Jackson, Robert F.
4,501,058	Method of Pre-Stressing a Structural Member	Schutzler, Jerome C.
4,806,191	Glass Laminated Structure Injection Molding and Laminating Apparatus	Jechel, Kurt E. Schutzler, Jerome C.
4,999,246	Glass Laminated Structure, Laminating Apparatus, and Methodology	Jechel, Kurt E., Schutzler, Jerome C.
5,089,063	Method for Providing Adhesion to a Metal Surface	Harrah, Larry A.; Allred, Ronald E.; Wilson, Jr., Kennard V.

EXHIBIT C

Trademarks

MSC Software Corporation has the following trademarks:

EU

<u>Name</u>	<u>Class</u>	<u>Registration Number</u>	<u>Registration Date</u>
NASTRAN	09, 16, 42	000184085	April 1, 1996
DYTRAN	09, 16, 42	000184044	April 1, 1996
PATRAN	09, 16, 42	000184143	April 1, 1996
MSC/NASTRAN	09, 16, 42	000190777	April 3, 1996
MSC	09, 16, 42	000183947	April 1, 1996

Benelux

DYTRAN	09	577807	May 24, 1995
NASTRAN	09	577809	May 24, 1995
MSC	09	497449	June 5, 1991

France

MSC	09, 16	1704054	June 19, 1991
NASTRAN	09	95/573020	May 24, 1995
MSC/DYTRAN	09, 16	95/401110	Jan. 14, 1992

Germany

MSC	09	395,21,871	Sept. 23, 1997
MSC/DYTRAN	09, 16	204687	July 19, 1993
MSC/NASTRAN	09, 16	2040688	July 19, 1993

Russian Federation

MSC/MVISION	09	171998	Dec. 26, 1996
MSC/NASTRAN	09	166397	Dec. 26, 1996

Australia

MSC	16	559782	July 16, 1991
MSC	09	559781	July 16, 1991

Canada

MSC	09, 16, 42	319,655	Oct. 17, 1986
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Ireland

MSC	09	172678	May 24, 1995
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U. K.

MSC	09	1303974	March 14, 1987
MSC	16	1303976	March 14, 1987
MSC	35	1303977	March 14, 1987
MSC	41	1303978	March 14, 1987
MSC	42	1303979	March 14, 1987

Israel

MSC	09	98884	May 28, 1995
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Italy

MSC	09, 16	612894	Dec. 29, 1993
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Taiwan

	(local class #)		
MSC	08	26939	Oct. 16, 1987
MSC	72	391789	Feb. 16, 1988
MSC	56	381345	Nov. 1, 1987

(Note: renewal registration for all three marks has been filed)

Spain

MSC	09	1986989	March 5, 1996
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Republic of Korea (South Korea)

	(local class #)		
MSC	52	249451	Sept. 16, 1992
MSC/DYTRAN	39	286482	March 10, 1994

United States

MSC	16	1,324,421	March 12, 1985
MSC	42	1,341,607	June 11, 1985
MSC	09	1,571,643	Dec. 19, 1989
MSC	09	2,075,622	July 1, 1997
MSC/	16	1,324,419	March 12, 1985
MSC/	09	1,330,631	April 16, 1985
MSC.cel	09	1,525,384	Feb. 21, 1989
MSC/DYTRAN	09	1,856,660	Oct. 4, 1994
MSC/MVISION	09	2,075,722	July 1, 1997
MSC/PATRAN	09	2,075,723	July 1, 1997

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U.S. trademarks for obsolete products which are still in active use

MSC/ARIES	09	1,964,963	April 2, 1996
MSC.pal	09	1,367,412	Oct. 29, 1996
MSC/PISCES	09	1,647,975	June 18, 1991
MSC/XL	09	2,021,105	Dec. 3, 1996
MSC/XL	09	1,571,709	Dec. 19, 1989