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12-31-1998

U.S. DEPARTMENT OF COMMERCE

EET

Patent and Trademark Office
Docket No. 10400-001001

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

1. Name of conveying party(ies):
Collagen Corporation

- ☐ Individual(s) ☐ Association
☐ General Partnership ☐ Limited Partnership
☒ Corporation-Delaware ☐ Other

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

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

Name: Cohesion Technologies, Inc.
Internal Address:
Street Address: 2500 Faber Place
City, State ZIP: Palo Alto, CA 94303

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: 11/13/98, 11/04/98

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)

B. Patent No.(s)

Additional numbers attached? ☒ Yes ☐ No

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

Laurie A. Axford
Fish & Richardson P.C.
4225 Executive Square, Suite 1400
La Jolla, CA 92037

6. Total number of applications and patents involved: 84

7. Total fee (37 C.F.R. § 3.41): \$3360.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account, referencing
Attorney Docket 10400-001001

8. Deposit account number: 06-1050The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 06-1050.**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.

Name: Laurie A. Axford
Registration No: 35,053

Signature

Date

12/18/98

Total number of pages comprising cover sheet, attachments and document: 26

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

U.S. Patent and Trademark Office
Office of Public Records
Box Assignments
Crystal Gateway 4, Room 335
Washington, D.C. 20231

12/30/1998 DNGUYEN 00000124 05945723

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3360.00 OP

PATENT
REEL: 9648 FRAME: 0228

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Continuation of Box 4

Patent Appl. No. (A)	Patent No. (B)	Atty.'s Docket No.
05/945,723	4,233,360	
06/532,572	4,488,911	
06/008,652	4,250,139	
06/338,661	4,424,208	
06/663,478	4,582,640	
06/752,447	4,789,663	
06/715,098	4,642,117	
07/629,074	5,246,457	
07/245,449	4,992,226	
08/099,610	5,425,770	
06/848,443	4,795,467	
06/685,350	4,600,533	
06/840,312	4,689,399	
06/839,793	4,655,980	
06/825,812	4,725,671	
06/829,809	4,774,227	
07/133,532	4,863,732	
06/788,928	4,671,794	
07/213,726	5,024,841	
07/630,299	5,110,604	
07/801,732	5,219,576	
07/286,303	4,950,483	
06/878,418	4,803,075	
06/912,985	4,743,229	
06/928,306	4,865,602	
07/647,758	5,123,925	
07/356,453	5,035,715	
07/035,277	4,776,890	
07/930,142	5,264,214	10400-012002
07/998,802	5,304,595	10400-012003
08/110,577	5,306,500	10400-012004
08/177,578	5,376,375	10400-012005
08/198,128	5,413,791	10400-015002
08/292,415	5,523,348	10400-012006
08/368,874	5,446,091	10400-015003

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Office of Public Records

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Crystal Gateway 4, Room 335

Washington, D.C. 20231

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Patent Appl. No. (A)	Patent No. (B)	Atty.'s Docket No.
08/427,576	5,543,441	10400-012007
08/478,510	4,550,188	10400-015005
08/434,958	5,510,121	
08/433,656	5,470,911	10400-014003
08/434,725	5,476,666	10400-014004
07/433,441	5,162,430	10400-012001
07/922,541	5,328,955	10400-015001
07/907,518	5,324,775	10400-013001
07/984,197	5,308,889	10400-023001
07/985,680	5,292,802	10400-022001
08/146,843	5,510,418	10400-014001
08/147,227	5,565,519	10400-016001
07/527,765	5,258,029	
07/819,059	5,207,710	
07/275,215	5,108,436	
07/327,488	4,959,205	
08/016,490	5,366,498	
07/927,146	5,383,930	
07/921,810	5,428,022	
08/537,073	5,807,581	10400-002001
08/403,360	5,580,923	10400-003001
08/405,320	5,693,341	10400-004001
08/555,270		
08/274,673	5,616,689	
08/730,157		10400-005001
08/236,769	5,475,052	10400-019001
08/780,470	5,800,541	10400-019002
08/574,050		
08/476,825	5,614,587	10400-017001
08/853,496	5,744,545	10400-018002
08/853,045	5,786,421	10400-018003
08/573,801		10400-018001
08/769,806		10400-006006
08/987,467		10400-007002
06/431,950		
08/440,274	5,527,856	10400-020002
08/287,549	5,550,187	10400-020001

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Office of Public Records
Box Assignments
Crystal Gateway 4, Room 335
Washington, D.C. 20231

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Patent Appl. No. (A)	Patent No. (B)	Atty.'s Docket No.
08/497,573	5,643,464	10400-021001
08/183,648	5,667,839	
08/485,194		
08/473,465		
08/278,774		
08/630,654		
08/546,047		
08/546,437		
08/101,333		
07/920,412		
08/229,859	5,428,024	
08/360,512	5,540,657	

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

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Office of Public Records

Box Assignments

Crystal Gateway 4, Room 335

Washington, D.C. 20231

PATENT ASSIGNMENT

This PATENT ASSIGNMENT (the "Assignment") is made from Collagen Corporation, a Delaware corporation (the "Assignor"), to Cohesion Technologies, Inc., a Delaware corporation (the "Assignee").

Assignor desires to assign to Assignee all of Assignor's right, title and interest in and to the patents and/or inventions (the "Patents") set forth in Exhibit A attached hereto.

In consideration for entering into the Assignment and License Agreement, effective as of January 1, 1998, by and between Assignor and Assignee, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred, and set over, and by these presents does hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to Patents, any and all corresponding applications, including provisional applications, in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said applications, and reissues and extensions of said Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Patents have been or may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor, had this sale and assignment not been made.

AND said Assignor hereby requests the Commissioner of Patents to issue said Patents in the United States to said Assignee as the Assignee of said inventions and the Patents to be issued thereon for the sole use and behalf of said Assignee, its successors, legal representatives and assigns.

Executed this 13th day of November, 1998,
at Palo Alto, California.

COLLAGEN CORPORATION

By: _____

Name: GARY S. PETERSMEYER

Title: CEO

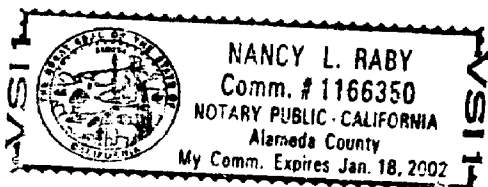
State of California

) ss:

County of Santa Clara

On this 13th day of November, 1998, personally appeared Gary S. Petersmeyer, known to me to be the person whose name is subscribed above and signed on behalf of Collagen Corporation, Inc., in his/her capacity of Chief Executive Officer

(seal)



Nancy L. Raby
Notary Public

We accept this assignment with all rights and obligations pertaining hereto.

Executed this 4th day of November, 1998,
at 2500 Faber Place, Palo Alto, CA.

COHESION TECHNOLOGIES, INC.

By: Frank Delustro

Name: Frank Delustro

Title: President

State of California

County of Santa Clara

) ss:

On this 4th day of November, 1998, personally appeared Frank Delustro,
known to me to be the person whose name is subscribed above and signed on behalf of Cohesion
Technologies, Inc., in his/her capacity of President.

Margaret K. Klopping
Notary Public

(seal)

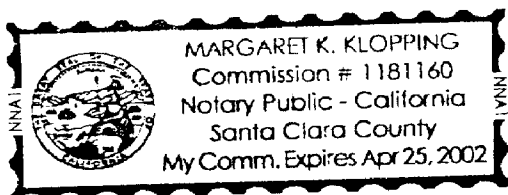


EXHIBIT A

Atty. Ref Client Ref.	Country	Serial Number	Filing Date	Patent Number	Issue Date	Title
20003.10 75-001 DIV	UNITED STATES	05/945,723	9/25/78	4,233,360	11/11/80	NON-ANTIGENIC COLLAGEN AND ARTICLES OF MANUFACTURE
20003.20 75-001 CIP	UNITED STATES	06/532,572	09/15/83	4,488,911	12/18/84	NON-ANTIGENIC COLLAGEN AND ARTICLES OF MANUFACTURE
20012.00 79-001	UNITED STATES	06/008,652	02/01/79	4,250,139	02/10/81	MICROWAVE STERILIZATION OF DRY PROTEIN
20012.40 79-001 CA	CANADA	342,307	01/17/80	1,110,035	10/06/81	MICROWAVE STERILIZATION OF DRY PROTEIN
20025.40 81-004 CA	CANADA	417,726	12/15/82	1195051	10/15/85	IMPLANTABLE BONE PROSTHESIS
20032.00 81-010	UNITED STATES	06/338,661	01/11/82	4,424,208	01/03/84	COLLAGEN IMPLANT MATERIAL AND METHOD FOR AUGMENTING SOFT TISSUE
20032.40 81-010 CA	CANADA	419184	01/10/83	1199580	01/21/86	COLLAGEN IMPLANT MATERIAL FOR AUGMENTING SOFT TISSUE
20032.41 81-010 EP	EUROPE	823069109	12/23/82	0083868	4/30/86	COLLAGEN IMPLANT MATERIAL FOR AUGMENTING SOFT TISSUES
20032.42 81-010 FR	FRANCE	823069109	12/23/82	0083868	04/30/86	COLLAGEN IMPLANT MATERIAL FOR AUGMENTING SOFT TISSU
20032.43 81-010 GB	GREAT BRITAIN	823069109	12/23/82	0083868	04/30/86	COLLAGEN IMPLANT MATERIAL FOR AUGMENTING SOFT TISSUE
20032.44 81-010 DE	GERMANY	823069109	12/23/82	P3270910.2	04/30/86	COLLAGEN IMPLANT MATERIAL FOR AUGMENTING SOFT TISSUE
20032.45 81-010 IT	ITALY	823069109	12/23/82	0083868	04/30/86	COLLAGEN IMPLANT MATERIAL FOR AUGMENTING SOFT TISSUE
20032.46 81-010 JP	JAPAN	57212109	12/04/82	1329859	07/30/86	COLLAGEN IMPLANT MATERIAL AND METHOD FOR AUGMENTING SOFT TISSUE
20032.47 81-010 CH	SWITZER- LAND	823069109	12/23/82	0083868	04/30/86	COLLAGEN IMPLANT MATERIAL FOR AUGMENTING SOFT TISSUE
20050.22 82-040 US C3	UNITED STATES	06/663,478	10/22/84	4,582,640	04/15/86	INJECTABLE CROSS-LINKED COLLAGEN IMPLANT MATERIAL
20050.40 82-040 AT	AUSTRIA	833011356	03/03/83	0089145	06/16/87	INJECTABLE CROSS-LINKED COLLAGEN IMPLANT MATERIAL
20050.41 82-040 BE	BELGIUM	833011356	09/21/83	0089145	06/16/87	INJECTABLE CROSS-LINKED COLLAGEN IMPLANT MATERIAL

EXHIBIT A

Atty. Ref Client Ref.	Country	Serial Number	Filing Date	Patent Number	Issue Date	Title
20050.42 82-040 CA	CANADA	423044	03/07/83	1224210	07/14/87	INJECTABLE CROSS-LINKED COLLAGEN IMPLANT MATERIAL
20050.43 82-040 CA	CANADA	500548	01/28/86	1255589	06/13/89	INJECTABLE CROSS-LINKED COLLAGEN IMPLANT MATERIAL
20050.44 82-040 EP	EUROPE	833011356	09/21/83	0089145	06/16/87	INJECTABLE CROSS-LINKED COLLAGEN IMPLANT MATERIAL
20050.45 82-040 FR	FRANCE	833011356	09/21/83	0089145	06/16/87	INJECTABLE CROSS-LINKED COLLAGEN IMPLANT MATERIAL
20050.46 82-040 GB	GREAT BRITAIN	833011356	09/21/83	0089145	06/16/87	INJECTABLE CROSS-LINKED COLLAGEN IMPLANT MATERIAL
20050.47 82-040 DE	GERMANY	833011356	09/21/83	P3372099.1	06/16/87	INJECTABLE CROSS-LINKED COLLAGEN IMPLANT MATERIAL
20050.48 82-040 IT	ITALY	833011356	09/21/83	0089145	06/16/87	INJECTABLE CROSS-LINKED COLLAGEN IMPLANT MATERIAL
20050.50 82-040 LU	LUXEM- BOURG	833011356	09/21/83	0089145	06/16/87	INJECTABLE CROSS-LINKED COLLAGEN IMPLANT MATERIAL
20050.51 82-040 NL	NETHER- LANDS	833011356	09/21/83	0089145	06/16/87	INJECTABLE CROSS-LINKED COLLAGEN IMPLANT MATERIAL
20050.52 82-040 SE	SWEDEN	833011356	09/21/83	0089145	06/16/87	INJECTABLE CROSS-LINKED COLLAGEN IMPLANT MATERIAL
20050.53 82-040 CH	SWITZER- LAND	833011356	09/21/83	0089145	06/16/87	INJECTABLE CROSS-LINKED COLLAGEN IMPLANT MATERIAL
20078.40 82-045 CA	CANADA	440,036	10/31/83	1201347	03/04/86	SYRINGE FORCE AMPLIFICATION DEVICE
20082.20 83-052 US C3	UNITED STATES	06/752,447	07/05/85	4,789,663	12/06/88	METHODS OF BONE REPAIR USING COLLAGEN
20082.41 83-052 CA	CANADA	485,578	06/27/85	1259914	09/26/89	METHODS OF BONE REPAIR USING COLLAGEN
20082.42 83-052 EP	EUROPE	85304757.9	07/03/85	0171176	10/02/91	BONE REPAIR USING COLLAGEN
20082.43 83-052 JP	JAPAN	60149101	07/06/85	1665195	04/11/91	METHOD OF BONE REPAIR USING COLLAGEN

EXHIBIT A

Atty. Ref Client Ref.	Country	Serial Number	Filing Date	Patent Number	Issue Date	Title
20082.48 83-052 FR	FRANCE	85304757.9	07/03/85	0171176	10/02/91	BONE REPAIR USING COLLAGEN
20082.49 83-052 DE	GERMANY	85304757.9	07/03/85	P3584274.1	10/02/91	BONE REPAIR USING COLLAGEN
20082.50 83-052 GB	GREAT BRITAIN	85304757.9	07/03/85	0171176	10/02/91	BONE REPAIR USING COLLAGEN
20082.51 83-052 IT	ITALY	85304757.9	07/03/85	0171176	10/02/91	BONE REPAIR USING COLLAGEN
20082.56 83-052 EP D1	EUROPE	91200300.1	07/03/85	0429438	08/28/96	METHODS OF BONE REPAIR USING COLLAGEN
20082.57 83-052 FR D1	FRANCE	91200300.1	07/03/85	0429438	08/28/96	METHODS OF BONE REPAIR USING COLLAGEN
20082.58 83-052 GB D1	GREAT BRITAIN	912003001	07/03/85	0429438	08/28/96	METHODS OF BONE REPAIR USING COLLAGEN
20082.59 83-052 DE D1	GERMANY	91200300.1	07/03/85	P35881208	08/28/96	METHODS OF BONE REPAIR USING COLLAGEN
20082.60 83-052 IT D1	ITALY	912003001	07/03/85	0429438	08/28/96	METHODS OF BONE REPAIR USING COLLAGEN
20092.00 83-059	UNITED STATES	06/715,098	03/22/85	4,642,117	02/10/87	MECHANICALLY SHEARED COLLAGEN IMPLANT MATERIAL AND METHOD
20092.40 83-059 AU	AUSTRALIA	55022/86	03/21/86	581588	05/31/89	MECHANICALLY SHEARED COLLAGEN IMPLANT MATERIAL AND METHOD
20092.41 83-059 CA	CANADA	504694	03/21/86	1254137	05/16/89	MECHANICALLY SHEARED COLLAGEN IMPLANT MATERIAL AND METHOD
20092.42 83-059 EP	EUROPE	86302055.8	03/20/86	0196197	07/24/91	COLLAGEN IMPLANT MATERIAL AND METHOD OF PREPARING IT
20092.43 83-059 JP	JAPAN	6163861	03/20/86	1885643	11/22/94	MECHANICALLY SHEARED COLLAGEN IMPLANT MATERIAL AND METHOD
20092.44 83-059 AT	AUSTRIA	86302055.8	03/20/86	0196197	07/24/91	COLLAGEN IMPLANT MATERIAL AND METHOD OF PREPARING IT
20092.45 83-059 BE	BELGIUM	86302055.8	03/20/86	0196197	07/24/91	COLLAGEN IMPLANT MATERIAL AND METHOD OF PREPARING IT
20092.46 83-059 FR	FRANCE	86302055.8	03/20/86	0196197	07/24/91	COLLAGEN IMPLANT MATERIAL AND METHOD OF PREPARING IT

EXHIBIT A

Atty. Ref Client Ref.	Country	Serial Number	Filing Date	Patent Number	Issue Date	Title
20092.47 83-059 GB	GREAT BRITAIN	86302055.8	03/20/86	0196197	07/24/91	COLLAGEN IMPLANT MATERIAL AND METHOD OF PREPARING IT
20092.48 83-059 DE	GERMANY	86302055.8	03/20/86	P3680366.9	07/24/91	COLLAGEN IMPLANT MATERIAL AND METHOD OF PREPARING IT
20092.49 83-059 IT	ITALY	86302055.8	03/20/86	0196197	07/24/91	COLLAGEN IMPLANT MATERIAL AND METHOD OF PREPARING IT
20092.50 83-059 LU	LUXEM- BOURG	86302055.8	03/20/86	0196197	07/24/91	COLLAGEN IMPLANT MATERIAL AND METHOD OF PREPARING IT
20092.51 83-059 NL	NETHER- LANDS	86302055.8	03/20/86	0196197	07/24/91	COLLAGEN IMPLANT MATERIAL AND METHOD OF PREPARING IT
20092.52 83-059 SE	SWEDEN	86302055.8	03/20/86	0196197	07/24/91	COLLAGEN IMPLANT MATERIAL AND METHOD OF PREPARING IT
20092.53 83-059 CH	SWITZER- LAND	86302055.8	03/20/86	0196197	07/24/91	COLLAGEN IMPLANT MATERIAL AND METHOD OF PREPARING IT
20105.01 83-065 US C1	UNITED STATES	07/629,074	12/17/90	5,246,457	09/21/93	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR
20105.10 83-065 US D1	UNITED STATES	07/245,449	09/16/88	4,992,226	02/12/91	METHOD OF MAKING MOLDS WITH XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR
20105.11 83-065 D2 US D2	UNITED STATES	08/099,610	07/30/93	5,425,770	06/20/95	PROCESS TO PREPARE COMPOSITIONS FOR USE IN BONE REPAIR
20105.20 83-065 US C2	UNITED STATES	06/848,443	04/04/86	4,795,467	01/03/89	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR
20105.40 83-065 AU	AUSTRALIA	5555386	03/27/86	582225	03/27/86	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS
20105.41 83-065 CA	CANADA	504,692	03/21/86	1260391	09/26/89	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR
20105.42 83-065 EP	EUROPE	86302147.3	03/24/86	0197693	10/23/91	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR
20105.43 83-065 JP	JAPAN	61-72407	03/28/86	1752927	04/23/93	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR
20105.44 83-065 AT	AUSTRIA	86302147.3	03/24/86	0197693	10/23/91	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR
20105.45 83-065 BE	BELGIUM	86302147.3	03/24/86	0197693	10/23/91	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR

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Atty. Ref Client Ref.	Country	Serial Number	Filing Date	Patent Number	Issue Date	Title
20105.46 83-065 FR	FRANCE	86302147.3	03/24/86	0197693	10/23/91	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR
20105.47 83-065 DE	GERMANY	86302147.3	03/24/86	0197693	10/23/91	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR
20105.48 83-065 GB	GREAT BRITAIN	86302147.3	03/24/86	0197693	10/23/91	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR
20105.49 83-065 IT	ITALY	86302147.3	03/24/86	0197693	10/23/91	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR
20105.50 83-065 LU	LUXEM- BOURG	86302147.3	03/24/86	0197693	10/23/91	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR
20105.51 83-065 NL	NETHER- LANDS	86302147.3	03/24/86	0197693	10/23/91	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR
20105.52 83-065 SE	SWEDEN	86302147.3	03/24/86	0197693	10/23/91	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR
20105.53 83-065 CH	SWITZER- LAND	86302147.3	03/24/86	0197693	10/23/91	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR
20121.45 83-060 CA	CANADA	578329	09/23/88	1335177	04/11/95	INDUCTIVE COLLAGEN-BASED BONE REPAIR PREPARATION
20128.41 84-070 CA	CANADA	485572	06/27/85	1260650	09/26/89	PROCESS FOR PREPARING MALLEABLE COLLAGEN AND PRODUCT THEREOF
20133.00 84-070-B US	UNITED STATES	06/685,350	12/24/84	4,600,533	07/15/86	COLLAGEN MEMBRANES FOR MEDICAL USE
20133.10 84-070-B US	UNITED STATES	06/840,312	03/13/86	4,689,399	08/25/87	COLLAGEN MEMBRANES FOR MEDICAL USE
20133.11 84-070-B US	UNITED STATES	06/839,793	03/13/86	4,655,980	04/07/87	PROCESS OF MAKING COLLAGEN MEMBRANES FOR MEDICAL USE
20133.20 84-070-B US	UNITED STATES	06/825,812	02/04/86	4,725,671	02/16/88	COLLAGEN MEMBRANES FOR MEDICAL USE
20133.40 84-070-B AU	AUSTRALIA	5160285	12/23/85	588560	01/29/90	COLLAGEN MEMBRANES FOR MEDICAL USE
20133.41 84-70-B CA	CANADA	496824	12/04/85	1234801	04/05/88	COLLAGEN MEMBRANES FOR MEDICAL USE

EXHIBIT A

Atty. Ref Client Ref.	Country	Serial Number	Filing Date	Patent Number	Issue Date	Title
20133.42 84-70-B EP	EUROPE	85309194.0	12/17/85	0187014	05/29/91	PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE
20133.43 84-070-B JP	JAPAN	60299622	12/24/85	1737073	02/26/93	COLLAGEN MEMBRANES FOR MEDICAL USE
20133.44 84-070-B EP	EUROPE	902000454	12/17/85	0376931	06/15/94	PROCESS FOR MAKING COLLAGEN MEMBRANOUS MATERIALS FOR MEDICAL USE
20133.47 84-070-B FR	FRANCE	85309194.0	12/17/85	0187014	05/29/91	PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE
20133.48 84-070-B DE	GERMANY	85309194.0	12/17/85	P35830123	05/29/91	PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE
20133.49 84-070-B GB	GREAT BRITAIN	85309194.0	12/17/85	0187014	05/29/91	PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE
20133.50 84-070-B IT	ITALY	85309194.0	12/17/85	0187014	05/29/91	PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE
20133.59 84-070-B DE	GERMANY	90200045.4	12/17/85	P3587857.6	06/15/94	PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE
20133.60 84-070-B FR	FRANCE	90200045.4	12/17/85	0376931	06/15/94	PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE
20133.61 84-070-B GB	GREAT BRITAIN	90200045.4	12/17/85	0376931	06/15/94	PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE
20133.62 84-070-B IT	ITALY	90200045.4	12/17/85	0376931	06/15/94	PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE
20156.00 84-069 US	UNITED STATES	06/829,809	02/14/86	4,774,227	09/27/88	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20156.40 84-069 AU	AUSTRALIA	68801/87	02/13/87	614700	01/08/92	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20156.41 84-069 CA	CANADA	529,551	02/12/87	1,279,010	01/15/91	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20156.42 84-069 EP	EUROPE	87301315.5	02/16/87	0233770	05/09/90	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20156.43 84-069 JP	JAPAN	6232280	02/13/87	1748399	04/08/93	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20156.45 84-069 AT	AUSTRIA	87301315.5	02/16/87	0233770	05/09/90	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW

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20156.46 84-069 BE	BELGIUM	87301315.5	02/16/87	0233770	05/09/90	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20156.47 84-069 DE	GERMANY	87301315.5	02/16/87	P3762569.1	05/09/90	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20156.48 84-069 FR	FRANCE	87301315.5	02/16/87	0233770	05/09/90	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20156.49 84-069 GB	GREAT BRITAIN	87301315.5	02/16/87	0233770	05/09/90	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20156.50 84-069 GR	GREECE	87301315.5	02/16/87	3000691	05/09/90	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20156.51 84-069 IT	ITALY	87301315.5	02/16/87	0233770	05/09/90	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20156.52 84-069 LU	LUXEM- BOURG	87301315.5	02/16/87	0233770	05/09/90	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20156.53 84-069 NL	NETHER- LANDS	87301315.5	02/16/87	0233770	05/09/90	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20156.54 84-069 ES	SPAIN	87301315.5	02/16/87	0233770	05/09/90	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20156.55 84-069 SE	SWEDEN	87301315.5	02/16/87	0233770	05/09/90	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20156.56 84-069 CH	SWITZER- LAND	87301315.5	02/16/87	P 233770.8	05/09/90	COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW
20181.00 85-109 US	UNITED STATES	07/133,532	12/16/87	4,863,732	09/05/89	INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR
20181.40 85-109 AU	AUSTRALIA	27083/88	12/15/88	614908	03/25/92	INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR
20181.41 85-109 CA	CANADA	585756	12/13/88	1327312	03/01/94	INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR
20181.42 85-109 EP	EUROPE	88311935.6	12/16/88	0321277	03/25/92	AN INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR
20181.44 85-109 AT	AUSTRIA	88311935.6	12/16/88	0321277	03/25/92	INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR

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20181.45 85-109 BE	BELGIUM	88311935.6	12/16/88	0321277	03/25/92	INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR
20181.46 85-109 FR	FRANCE	88311935.6	12/16/88	0321277	03/25/92	INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR
20181.47 85-109 DE	GERMANY	88311935.6	12/16/88	P3869577.4	03/25/92	INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR
20181.48 85-109 GB	GREAT BRITAIN	88311935.6	12/16/88	0321277	03/25/92	INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR
20181.49 85-109 GR	GREECE	88311935.6	12/16/88	3004819	03/25/92	INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR
20181.50 85-109 IT	ITALY	88311935.6	12/16/88	0321277	03/25/92	INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR
20181.51 85-109 LU	LUXEM- BOURG	88311935.6	12/16/88	0321277	03/25/92	INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR
20181.52 85-109 NL	NETHER- LANDS	88311935.6	12/16/88	0321277	03/25/92	INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR
20181.53 85-109 ES	SPAIN	88311935.6	12/16/88	0321277	03/25/92	INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR
20181.54 85-109 SE	SWEDEN	88311935.6	12/16/88	0321277	03/25/92	INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR
20181.55 85-109 CH	SWITZER- LAND	88311935.6	12/16/88	0321277	03/25/92	INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR
20182.00 84-087 US	UNITED STATES	06/788,928	10/18/85	4,671,794	06/09/87	LARYNGEAL INJECTOR
20183.00 88-167 US	UNITED STATES	07/213,726	06/30/88	5,024,841	06/18/91	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20183.10 88-167 US D1	UNITED STATES	07/630,299	12/19/90	5,110,604	05/05/92	PROCESSES FOR PRODUCING COLLAGEN MATRIXES AND METHODS OF USING SAME
20183.11 88-167 US D2	UNITED STATES	07/801,732	12/03/91	5,219,576	06/15/93	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20183.20 88-167 US	UNITED STATES	07/286,303	12/16/88	4,950,483	08/21/90	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20183.40 88-167 CA	CANADA	604382	06/29/89	1339007	03/25/97	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION

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20183.42 88-167 AU	AUSTRALIA	39646/89	06/28/89	623163	08/31/92	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20183.43 88-167 EP	EUROPE	899081194	06/28/89	0428541	08/30/95	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20183.44 88-167 JP	JAPAN	1507652	06/28/89		08/30/95	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20183.45 88-167 AT	AUSTRIA	899081194	06/28/89	0428541	08/30/95	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20183.46 88-167 BE	BELGIUM	89908119.4	06/28/89	0428541	08/30/95	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20183.47 88-167 CH	SWITZER- LAND	89908119.4	06/28/89	0428541	08/30/95	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20183.48 88-167 DE	GERMANY	89908119.4	06/28/89	P689240694	08/30/95	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20183.49 88-167 FR	FRANCE	89908119.4	06/28/89	0428541	08/30/95	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20183.50 88-167 GB	GREAT BRITAIN	89908119.4	06/28/89	0428541	08/30/95	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20183.51 88-167 IT	ITALY	89908119.4	06/28/89	0428541	08/30/95	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20183.52 88-167 LU	LUXEM- BOURG	89908119.4	06/28/89	428541	08/30/95	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20183.53 88-167 NL	NETHER- LANDS	89908119.4	06/28/89	428541	08/30/95	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20183.54 88-167 SE	SWEDEN	89908119.4	06/28/89	0428541	08/30/95	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION
20185.00 85-118 US	UNITED STATES	06/878,418	06/25/86	4,803,075	02/07/89	INJECTABLE IMPLANT COMPOSITION HAVING IMPROVED INTRUDABILITY
20185.43 85-118 JP	JAPAN	62137608	05/29/87	1899011	01/23/95	INJECTABLE IMPLANT COMPOSITION HAVING IMPROVED INTRUDABILITY
20188.00 85-112	UNITED STATES	06/912,985	09/29/86	4,743,229	05/10/88	COLLAGEN/MINERAL/MIXING DEVICE AND METHOD
20189.40 85-123 AU	AUSTRALIA	71856/87	04/22/87	593094	05/31/90	MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR

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Atty. Ref Client Ref.	Country	Serial Number	Filing Date	Patent Number	Issue Date	Title
20189.41 85-123 CA	CANADA	535170	04/21/87	1,294,876	01/28/92	MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR
20189.42 85-123 EP	EUROPE	87303548.9	04/22/87	0243178	06/19/91	A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR
20189.43 85-123 JP	JAPAN	62099615	04/22/87	1871134	09/06/94	A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR
20189.44 85-123 AT	AUSTRIA	87303548.9	04/22/87	0243178	06/19/91	A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR
20189.45 85-123 BE	BELGIUM	87303548.9	04/22/87	0243178	06/19/91	A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR
20189.46 85-123 FR	FRANCE	87303548.9	04/22/87	0243178	06/19/91	A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR
20189.47 85-123 DE	GERMANY	87303548.9	04/22/87	P3770862.7	06/20/91	A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR
20189.48 85-123 GB	GREAT BRITAIN	87303548.9	04/22/87	0243178	06/19/91	A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR
20189.49 85-123 GR	GREECE	87303548.9	04/22/87	910400841	06/20/91	A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR
20189.50 85-123 IT	ITALY	87303548.9	04/22/87	0243178	06/19/91	A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR
20189.51 85-123 LU	LUXEM- BOURG	87303548.9	04/22/87	0243178	06/19/91	A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR
20189.52 85-123 NL	NETHER- LANDS	87303548.9	04/22/87	0243178	06/19/91	A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR
20189.53 85-123 SE	SWEDEN	87303548.9	04/22/87	0243178	06/19/91	A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR
20189.54 85-123 CH	SWITZER- LAND	87303548.9	04/22/87	0243178	06/19/91	A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR
20189.55 85-123 ES	SPAIN	87303548.9	04/22/87	0243178	06/19/91	A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR
20192.00 85-116 US	UNITED STATES	06/928,306	11/06/86	4,865,602	09/12/89	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES

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Atty. Ref Client Ref.	Country	Serial Number	Filing Date	Patent Number	Issue Date	Title
20192.10 85-116 US D1	UNITED STATES	07/647,758	01/29/91	5,123,925	06/23/92	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.20 85-116 US C1	UNITED STATES	07/356,453	05/24/89	5,035,715	07/30/91	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.40 85-116 AU	AUSTRALIA	8068087	11/04/87	603744	03/19/91	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.41 85-116 CA	CANADA	550940	11/03/87	1310918	12/01/92	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.42 85-116 JP	JAPAN	62-281930	11/06/87	1882498	11/10/94	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.43 85-116 EP	EUROPE	87309810.7	11/05/87	0270254	03/10/93	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.44 85-116 JP D1	JAPAN	03343582	11/06/87	1901006	01/27/95	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.45 85-116 CA D1	CANADA	616394	06/02/92	1320451	07/20/93	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.46 85-116 AT	AUSTRIA	87309810.7	11/05/87	0270254	08/10/93	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.47 85-116 BE	BELGIUM	87309810.7	11/05/87	0270254	03/10/93	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.48 85-116 FR	FRANCE	87309810.7	11/05/87	0270254	03/10/93	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.49 85-116 DE	GERMANY	87309810.7	11/05/87	P37846469	03/10/93	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.50 85-116 GR	GREECE	87309810.7	11/05/87	3007382	03/16/93	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.51 85-116 IT	ITALY	87309810.7	11/05/87	0270254	03/10/93	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.52 85-116 LU	LUXEM- BOURG	87309810.7	11/05/87	0270254	03/10/93	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.53 85-116 NL	NETHER- LANDS	87309810.7	11/05/87	0270254	03/10/93	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES

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Atty. Ref Client Ref.	Country	Serial Number	Filing Date	Patent Number	Issue Date	Title
20192.54 85-116 ES	SPAIN	87309810.7	11/05/87	0270254	03/10/93	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.55 85-116 SE	SWEDEN	87309810.7	11/05/87	0270254	03/10/93	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.56 85-116 CH	SWITZER- LAND	873098107	11/05/87	0270254	03/10/93	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20192.57 85-116 GB	GREAT BRITAIN	873098107	11/05/87	0270254	03/10/93	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES
20198.00 85-095 US	UNITED STATES	07/035,277	04/03/87	4,776,890	10/11/88	PREPARATION OF A COLLAGEN HYDROXYLAPATITE MATRIX FOR BONE REPAIR
20237.10 88-176 US D1	UNITED STATES	07/930,142	08/14/92	5,264,214	11/23/93	COMPOSITION FOR BONE REPAIR
20237.11 88-176 US D2	UNITED STATES	07/998,802	12/30/92	5,304,595	04/19/94	COLLAGEN-POLYMER CONJUGATES
20237.12 88-176 US D3	UNITED STATES	08/110,577	08/23/93	5,306,500	04/26/94	METHOD OF AUGMENTING TISSUE WITH COLLAGEN-POLYMER CONJUGATES
20237.13 88-176 US D4	UNITED STATES	08/177,578	01/05/94	5,376,375	12/27/94	METHOD OF AUGMENTING TISSUE USING COLLAGEN-POLYMER CONJUGATES
20237.14 88-176 US D5	UNITED STATES	08/198,128	02/17/94	5,413,791	05/09/95	COLLAGEN-POLYMER CONJUGATES
20237.15 88-176 US D6	UNITED STATES	08/292,415	08/18/94	5,523,348	06/04/96	METHOD OF PREPARING COLLAGEN- POLYMER CONJUGATES
20237.16 88-176 US D7	UNITED STATES	08/368,874	01/05/95	5,446,091	08/29/95	COLLAGEN-POLYMER CONJUGATES CONTAINING AN ETHER LINKAGE
20237.17 88-176 US D8	UNITED STATES	08/427,576	04/24/95	5,543,441	08/06/96	COLLAGEN-POLYMER CONJUGATES
20237.19 88-176 US	UNITED STATES	08/478,510	06/07/95	4,550,188	08/27/96	OPHTHALMIC DEVICES COMPRISING COLLAGEN-POLYMER CONJUGATES
25237.10 93-005 US D1	UNITED STATES	08/434,958	05/04/95	5,510,121	04/23/96	GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES
25237.11 93-005 US D2	UNITED STATES	08/433,656	05/04/95	5,470,911	11/28/95	GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES
25237.12 93-005 US D3	UNITED STATES	08/434,725	05/04/95	5,476,666	12/19/95	GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES

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Atty. Ref Client Ref.	Country	Serial Number	Filing Date	Patent Number	Issue Date	Title
20237.20 88-176 US C1	UNITED STATES	07/433,441	11/14/89	5,162,430	11/10/92	COLLAGEN-POLYMER CONJUGATES
20237.21 88-176 US C2	UNITED STATES	07/922,541	07/30/92	5,328,955	07/12/94	COLLAGEN-POLYMER CONJUGATES
20237.22 88-176 US C3	UNITED STATES	07/907,518	07/02/92	5,324,775	06/28/94	BIOLOGICALLY INERT, BIOCOMPATIBLE- POLYMER CONJUGATES
20237.24 88-176 US C5	UNITED STATES	07/984,197	12/02/92	5,308,889	05/03/94	DEHYDRATED COLLAGEN-POLYMER STRINGS
20237.25 88-176 US C6	UNITED STATES	07/985,680	12/02/92	5,292,802	03/08/94	COLLAGEN-POLYMER TUBES FOR USE IN VASCULAR SURGERY
20237.27 93-005 US	UNITED STATES	08/146,843	11/03/93	5,510,418	04/23/96	GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES
20237.28 88-176 CIP9	UNITED STATES	08/147,227	11/03/93	5,565,519	10/15/96	CLEAR, CHEMICALLY MODIFIED COLLAGEN-SYNTHETIC POLYMER CONJUGATES FOR OPHTHALMIC APPLICATIONS
20237.40 88-176 CA	CANADA	2,003,538	11/21/89			COLLAGEN-POLYMER CONJUGATES
20237.42 88-176 AU	AUSTRALIA	46609/89	11/21/89	638687	11/01/93	COLLAGEN-POLYMER CONJUGATES
20237.43 88-176 EP	EUROPE	90901254.4	11/21/89			COLLAGEN-POLYMER CONJUGATES
20237.44 88-176 JP	JAPAN	2501327	11/21/89	2505312	04/02/96	COLLAGEN-POLYMER CONJUGATES
20237.46 88-176 AU2	AUSTRALIA	46620/93	07/01/93	677,789	08/29/97	BIOCOMPATIBLE POLYMER CONJUGATES
20237.48 88-176 JP 2	JAPAN	6-503427	07/01/93			BIOCOMPATIBLE POLYMER CONJUGATES
20237.49 88-176 CA	CANADA	2,134,744	10/31/94			CLEAR, CHEMICALLY MODIFIED COLLAGEN-SYNTHETIC POLYMER CONJUGATES FOR OPHTHAMLMIC APPLICATIONS
20237.50 93-006 EP	EUROPE	94117226.4	11/01/94			CLEAR, CHEMICALLY MODIFIED COLLAGEN-SYNTHETIC POLYMER CONJUGATES FOR OPHTHAMLMIC APPLICATIONS

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Atty. Ref Client Ref.	Country	Serial Number	Filing Date	Patent Number	Issue Date	Title
20237.51 93-006 JP	JAPAN	6-271556	11/04/94			CLEAR, CHEMICALLY MODIFIED COLLAGEN-SYNTHETIC POLYMER CONJUGATES FOR OPHTHALMIC APPLICATIONS
20237.52 93-005 CA	CANADA	2,134,745	10/31/94			GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES
20237.53 93-005 EP	EUROPE	94117227.2	11/01/94			GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES
20237.54 93-005 JP	JAPAN	6-271556	11/04/94			GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES
20238.10 88-184 DIV	UNITED STATES	07/527,765	05/23/90	5,258,029	11/02/93	METHOD FOR IMPROVING IMPLANT FIXATION
20238.11 88-184 DIV	UNITED STATES	07/819,059	01/10/92	5,207,710	05/04/93	METHOD FOR IMPROVING IMPLANT FIXATION
20238.20 88-184 CIP	UNITED STATES	07/275,215	11/23/88	5,108,436	04/28/92	IMPLANT FIXATION
20238.40 88-184 AU	AUSTRALIA	42338/89	09/27/89	628083	01/21/93	METHOD FOR IMPROVING IMPLANT FIXATION
20238.41 88-184 CN	CANADA	612,422	09/21/89	1335958	06/20/95	METHOD FOR IMPROVING IMPLANT FIXATION
20238.43 88-184 JP	JAPAN	1-256922	09/29/89			METHOD FOR IMPROVING IMPLANT FIXATION
20238.44 88-184 JP D1	JAPAN	07329312	09/29/89			METHOD FOR IMPROVING IMPLANT FIXATION
20240.00 89-193	UNITED STATES	07/327,488	03/23/89	4,959,205	09/25/90	COMPOSITION AND METHOD FOR TREATMENT OF DERMAL INFLAMMATION
20258.01 91-250 CON	UNITED STATES	08/016,490	02/10/93	5,366,498	11/22/94	DEVICE FOR TREATING FINE SUPERFICIAL FACIAL LINES
20258.10 91-250 DIV	UNITED STATES	07/927,146	11/02/92	5,383,930	01/24/95	METHOD FOR TREATING FINE SUPERFICIAL FACIAL LINES
20258.41 91-250 AU	AUSTRALIA	17648/92	03/27/92	654857	03/14/95	DEVICE AND METHOD FOR TREATING FACIAL LINES
20258.42 91-250 CA	CANADA	2083165	03/27/92	2083165	07/09/96	DEVICE AND METHOD FOR TREATING FACIAL LINES
20258.43 91-250 EP	EUROPE	92910624.3	03/27/92			DEVICE AND METHOD FOR TREATING FACIAL LINES

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20258.44 91-250 JP	JAPAN	04509698	03/27/92			DEVICE AND METHOD FOR TREATING FACIAL LINES
20260.00 256-91	UNITED STATES	07/921,810	07/29/92	5,428,022	06/27/95	COMPOSITION OF LOW TYPE III CONTENT HUMAN PLACENTAL COLLAGEN
20270.01 94-008 F1	UNITED STATES	08/537,073	09/29/95			COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE
20270.40 94-008 AU	AUSTRALIA	10295/95	01/19/95			COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE
20270.41 94-008 CA	CANADA	2,140,053	01/11/95			COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE
20270.42 94-008 EP	EUROPE	95101589.0	02/06/95			COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE
20270.43 94-008 JP	JAPAN	7-20798	02/08/95			COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE
20270.44 94-008 MX	MEXICO	950734	01/31/95			COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE
20274.00 94-010 US	UNITED STATES	08/403,360	03/14/95	5,580,923	12/03/96	ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE
20274.40 94-010 CA	CANADA	2,165,740	12/20/95			ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE
20274.41 94-010 EP	EUROPE	96102339.7	02/16/96			ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE
20274.42 94-010 JP	JAPAN	8-58139	03/14/96			ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE
20275.00 95-025 US	UNITED STATES	08/405,320	03/16/95	5,693,341	12/02/97	AFFINITY BOUND COLLAGEN MATRICES FOR THE DELIVERY OF BIOLOGICALLY ACTIVE AGENTS
20275.40 95-025 CA	CANADA	2,165,727	12/20/95			AFFINITY BOUND COLLAGEN MATRICES FOR THE DELIVERY OF BIOLOGICALLY ACTIVE AGENTS
20275.41 95-025 EP	EUROPE	96102340.5	02/16/96	0732105		AFFINITY BOUND COLLAGEN MATRICES FOR THE DELIVERY OF BIOLOGICALLY ACTIVE AGENTS
20275.42 95-025 JP	JAPAN	8-61531	03/18/96			AFFINITY BOUND COLLAGEN MATRICES FOR THE DELIVERY OF BIOLOGICALLY ACTIVE AGENTS
20277.01 94-011	UNITED STATES	08/555,270	11/08/95			APPARATUS AND METHOD OF MIXING MATERIALS IN A STERILE ENVIRONMENT

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20277.40 94-011 CA	CANADA	2146090	03/31/95			APPLICATION AND METHOD OF MIXING MATERIALS IN A STERILE ENVIRONMENT
20277.41 94-011 EP	EUROPE	95107000.2	05/09/95			APPARATUS AND METHOD OF MIXING MATERIALS IN A STERILE ENVIRONMENT
20277.42 94-011 JP	JAPAN	7-110991	05/09/95			APPARATUS AND METHOD OF MIXING MATERIALS IN A STERILE ENVIRONMENT
20277.43 94-011 MX	MEXICO	952006	04/28/95			APPARATUS AND METHOD OF MIXING MATERIALS IN A STERILE ENVIRONMENT
20278.00 94-015	UNITED STATES	08/274,673	07/13/94	5,616,689	04/01/97	METHOD OF CONTROLLING STRUCTURE STABILITY OF COLLAGEN FIBERS PRODUCED FROM SOLUTIONS OR DISPERSIONS TREATED WITH SODIUM HYDROXIDE FOR INFECTIOUS AGENT DEACTIVATION
20278.40 94-015 CA	CANADA	2146938	04/12/95			METHOD OF CONTROLLING STRUCTURE STABILITY OF COLLAGEN FIBERS PRODUCED FROM SOLUTIONS OR DISPERSIONS TREATED WITH SODIUM
20278.41 94-015 EP	EUROPE	95108306.2	05/30/95			METHOD OF CONTROLLING STRUCTURE STABILITY OF COLLAGEN FIBERS PRODUCED FROM SOLUTIONS OR DISPERSIONS TREATED WITH SODIUM HYDROXIDE FOR INFECTIOUS AGENT DEACTIVATION
20278.42 94-015 JP	JAPAN	07176136	07/12/95			METHOD OF CONTROLLING STRUCTURE STABILITY OF COLLAGEN FIBERS PRODUCED FROM SOLUTIONS OR DISPERSIONS TREATED WITH SODIUM HYDROXIDE FOR INFECTIOUS AGENT DEACTIVATION
20282.01 94-020 US C1	UNITED STATES	08/730,157	10/15/96			IN SITU CROSSLINKABLE, INJECTABLE COLLAGEN COMPOSITION FOR TISSUE AUGMENTATION
20282.40 94-020 EP	EUROPE	95116579.4	10/20/95	0713707		IN SITU CROSSLINKABLE, INJECTABLE COLLAGEN COMPOSITION FOR TISSUE AUGMENTATION
20283.00 94-012 US C1	UNITED STATES	08/236,769	05/02/94	5,475,052	12/12/95	COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION
20283.01 94-012.1 US	UNITED STATES	08/780,470	01/08/97			COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION
20283.40 94-012 EP	EUROPE	95103895.9	03/03/95			COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION
20283.41 94-012 CA	CANADA	2,143,923	03/03/95			COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION

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20283.42 94-012 AU	AUSTRALIA	15075/95	03/24/95			COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION
20283.43 94-012 JP	JAPAN	7104476	04/27/95			COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION
20283.44 94-012 MX	MEXICO	951715	04/07/95			COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION
20285.00 94-021	UNITED STATES	08/574,050	12/18/95			INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY
20285.41 94-021 PCT	AUSTRALIA	13473/97	12/18/96			USE OF INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY
20285.42 94-021 CA	CANADA	2,239,772	12/18/96			USE OF INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY
20285.43 94-021 JP	JAPAN	9-523049	12/18/96			USE OF INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY
20285.44 94-021 EP	EUROPE	96945006.3	12/18/96			USE OF INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY
20286.00 95-024 US C1	UNITED STATES	08/476,825	06/07/95	5,614,587	3/25/97	COLLAGEN-BASED BIOADHESIVE COMPOSITIONS
20286.10 95-024 D1	UNITED STATES	08/853,496	05/08/97			BIOCOMPATIBLE ADHESIVE COMPOSITIONS
20286.11 95-024 D2	UNITED STATES	08/853,045	05/06/97			METHOD OF PREVENTING FORMATION OF ADHESIONS FOLLOWING SURGERY
20286.20 95-024 US C2	UNITED STATES	08/573,801	12/18/95			BIOCOMPATIBLE ADHESIVE COMPOSITIONS
20286.40 95-024 CA	CANADA	2,172,906	03/28/96			BIOCOMPATIBLE ADHESIVE COMPOSITIONS
20286.41 95-024 EP	EUROPE	96108503.2	05/29/96			BIOCOMPATIBLE ADHESIVE COMPOSITIONS
20286.42 95-024 JP	JAPAN	8139317	05/31/96			BIOCOMPATIBLE ADHESIVE COMPOSITIONS
20287.20 95-029C1	UNITED STATES	08/769,806	12/18/96			CROSSLINKED POLYMER COMPOSITIONS AND METHODS FOR THEIR USE

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20287.41 94-019 AU	AUSTRALIA		12/18/96			CROSSLINKED POLYMER COMPOSITIONS AND METHODS FOR THEIR USE
20287.44 95-029 EP	EUROPE	96944824.0	12/18/96			CROSSLINKED POLYMER COMPOSITIONS AND METHODS FOR THEIR USE
20288.01 94-019 US C1	UNITED STATES	08/987,467	12/09/97			USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED BIOMATERIAL COMPOSITIONS
20288.40 94-019 CA	CANADA	2,165,728	12/20/95			USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED BIOMATERIAL COMPOSITIONS
20288.41 94-019 EP	EUROPE	96102366.0	02/16/96			USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED BIOMATERIAL COMPOSITIONS
20288.42 94-019 JP	JAPAN	8-58138	03/14/96			USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED BIOMATERIAL COMPOSITIONS
20289.00 95-022	UNITED STATES	06/431,950	05/01/95			PRION INACTIVATION IN CONNECTIVE TISSUE MATERIALS
20289.40 95-022 CA	CANADA	2,172,918	03/28/96			PRION INACTIVATION IN CONNECTIVE TISSUE MATERIALS
20289.41 95-022 EP	EUROPE	96105478.0	04/04/96			PRION INACTIVATION IN CONNECTIVE TISSUE MATERIALS
20289.42 95-022 JP	JAPAN	8-109888	04/30/96			PRION INACTIVATION IN CONNECTIVE TISSUE MATERIALS
20290.10 94-016 US D1	UNITED STATES	08/440,274	05/12/95	5,527,856	06/18/96	METHOD OF PREPARING CROSSLINKED BIOMATERIAL COMPOSITIONS FOR USE IN TISSUE AUGMENTATION
20290.20 94-016 US C1	UNITED STATES	08/287,549	08/08/94	5,550,187	08/27/96	METHOD OF PREPARING CROSSLINKED BIOMATERIAL COMPOSITIONS FOR USE IN TISSUE AUGMENTATION
20290.21 94-016 US C2	UNITED STATES	08/497,573	06/30/95	5,643,464	07/01/97	PROCESS FOR PREPARING A STERILE, DRY CROSSLINKING AGENT
20290.40 94-016 EP	EUROPE	95112218.3	08/03/95			METHOD OF PREPARING CROSSLINKED BIOMATERIAL COMPOSITIONS FOR USE IN TISSUE AUGMENTATION
C94-007-1	UNITED STATES	08/183,648	01/18/94	5,667,839	09/16/97	PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS
C94-007-1/ EU	EUROPE	94906698.9	01/19/94			PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS
C94-007-1/ CA	CANADA	2,152,047	01/19/94			PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS

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C94-007-1/ JP	JAPAN	6517194	01/19/94			PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS
C94-007-1/ MX	MEXICO	940697	01/19/94			PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS
C94-007-1/ AU	AUSTRALIA	60317/94	01/19/94			PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS
C94-007-1-D1	UNITED STATES	08/485,194	06/07/95			PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS
C94-007-A-D2	UNITED STATES	08/473,465	06/07/95			PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS
C94-018	UNITED STATES	08/278,774	07/22/94			MUTATED RECOMBINANT COLLAGENS
C94-018 D1	UNITED STATES	08/630,654	04/10/96			MUTATED RECOMBINANT COLLAGENS
C94-018/ EP	EUROPE	95108307.2				MUTATED RECOMBINANT COLLAGENS
C95-028	UNITED STATES	08/546,047	10/20/95			PRODUCTION OF RECOMBINANT PROCOLLAGEN IN YEAST
C95-030	UNITED STATES	08/546,437	10/20/95			YEAST EXPRESSION SYSTEMS FOR THE PRODUCTION OF RECOMBINANT PROCOLLAGEN
C95-028/PCT	PCT	PCT/US96/1 6646	10/18/96			PRODUCTION OF RECOMBINANT PROCOLLAGEN
005921- 001100AU 91-248 AU	AUSTRALIA	36196/93	02/16/93	666,712	06/11/96	INJECTABLE CERAMIC COMPOSITIONS AND METHODS FOR THEIR PREPARATION AND USE
005921- 001100CA 91-248 CA	CANADA	2,128,783	02/16/93			INJECTABLE CERAMIC COMPOSITIONS AND METHODS FOR THEIR PREPARATION AND USE
005921- 001100EP 91-248 EP	EUROPE	93905057.1	02/16/93	627,899		INJECTABLE CERAMIC COMPOSITIONS AND METHODS FOR THEIR PREPARATION AND USE
005921- 001100JP 91-248 JP	JAPAN	5-514927	02/16/93			INJECTABLE CERAMIC COMPOSITIONS AND METHODS FOR THEIR PREPARATION AND USE
005921- 001120US 91-248 US C1	UNITED STATES	08/101,333	08/02/93	5,352,715	10/04/94	INJECTABLE CERAMIC COMPOSITIONS AND METHODS FOR THEIR PREPARATION AND USE
005921-001110 US 91-248 US D1	UNITED STATES	07/920,412	07/27/92	5,204,382	04/20/93	INJECTABLE CERAMIC COMPOSITIONS AND METHODS FOR THEIR PREPARATION AND USE
005921-001300 CA 91-255 CA	CANADA	2,128,504	02/16/93			HIGH CONCENTRATION HOMOGENIZED COLLAGEN COMPOSITIONS

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005921-001300 EP 91-255 EP	EUROPE	93905918.4	02/16/93			HIGH CONCENTRATION HOMOGENIZED COLLAGEN COMPOSITIONS
005921-001300 JP 91-255 JP	JAPAN	5-514905	02/16/93			HIGH CONCENTRATION HOMOGENIZED COLLAGEN COMPOSITIONS
005921-001300 EP 91-255 AU	AUSTRALIA	93905918.4	02/16/93			HIGH CONCENTRATION HOMOGENIZED COLLAGEN COMPOSITIONS
005921-001310 US	UNITED STATES	08/229,859	04/19/94	5,428,024	06/27/95	HIGH CONCENTRATION HOMOGENIZED COLLAGEN COMPOSITIONS
8996-012-007 94-017 AU	AUSTRALIA	20067/95	05/15/95			DELIVERY DEVICE FOR INJECTABLE MATERIALS
8996-012-037 94-017-BR	BRAZIL	PI 9503331-9	07/14/95			DELIVERY DEVICE FOR INJECTABLE MATERIALS
8996-012-001 94-017 CA	CANADA	2,148,173	04/28/95			DELIVERY DEVICE FOR INJECTABLE MATERIALS
8996-012-227 94-017 EP	EUROPE	95108301.3	05/30/95			DELIVERY DEVICE FOR INJECTABLE MATERIALS
8996-012-012 94-017 JP	JAPAN	7-179232	07/14/95			DELIVERY DEVICE FOR INJECTABLE MATERIALS
8996-012-009 94-017 MX	MEXICO	952284	05/19/95			DELIVERY DEVICE FOR INJECTABLE MATERIALS
8996-012-999 94-017 US C1	UNITED STATES	08/360,512	12/21/94	5,540,657	07/30/96	DELIVERY DEVICE FOR INJECTABLE MATERIALS