

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>AMY L. FINKENAUER</td><td>08/18/1988</td></tr><tr><td>JONATHAN M. COHEN</td><td>08/18/1988</td></tr><tr><td>SHALABY W. SHALABY</td><td>08/17/1988</td></tr><tr><td>ELISABETH A. SANDOVAL</td><td>08/17/1988</td></tr><tr><td>RAO S. BEZWADA</td><td>08/18/1988</td></tr><tr><td>RICHARD L. KRONENTHAL</td><td>08/18/1988</td></tr></tbody></table>	Name	Execution Date	AMY L. FINKENAUER	08/18/1988	JONATHAN M. COHEN	08/18/1988	SHALABY W. SHALABY	08/17/1988	ELISABETH A. SANDOVAL	08/17/1988	RAO S. BEZWADA	08/18/1988	RICHARD L. KRONENTHAL	08/18/1988	
Name	Execution Date														
AMY L. FINKENAUER	08/18/1988														
JONATHAN M. COHEN	08/18/1988														
SHALABY W. SHALABY	08/17/1988														
ELISABETH A. SANDOVAL	08/17/1988														
RAO S. BEZWADA	08/18/1988														
RICHARD L. KRONENTHAL	08/18/1988														
RECEIVING PARTY DATA															
Name:	ETHICON, INC.														
Street Address:	U.S. ROUTE # 22														
City:	SOMERVILLE														
State/Country:	NEW JERSEY														
Postal Code:	08876														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Patent Number:</td><td>5427778</td></tr></tbody></table>	Property Type	Number	Patent Number:	5427778											
Property Type	Number														
Patent Number:	5427778														
CORRESPONDENCE DATA															
Fax Number: (215)963-5001															
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: 215-963-5045															
Email: ntran@morganlewis.com															
Correspondent Name: NGAN K. TRAN															
Address Line 1: 1701 MARKET STREET															
Address Line 2: MORGAN, LEWIS & BOCKIUS LLP															
Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103															
ATTORNEY DOCKET NUMBER:	101713-5065-03														

CH \$40.00 5427778

500780039

PATENT  
REEL: 022248 FRAME: 0266

NAME OF SUBMITTER:

Ngan K. Tran

**Total Attachments: 6**

source=ETH0714 Inventors Assignment#page1.tif

source=ETH0714 Inventors Assignment#page2.tif

source=ETH0714 Inventors Assignment#page3.tif

source=ETH0714 Inventors Assignment#page4.tif

source=ETH0714 Inventors Assignment#page5.tif

source=ETH0714 Inventors Assignment#page6.tif

A S S I G N M E N T

Serial No.  
Filed

WHEREAS, Amy L. Finkenaur, Jonathan M. Cohen, Shalaby W. Shalaby, Elisabeth Sandoval, Rao S. Bezwada and Richard L. Kronenthal, respectively residing at 10 Steven Avenue, Somerville, New Jersey 08876; 16 Pheasant Drive, Marlboro, New Jersey 07746; 238-A Longview Road, Mountainville, RD#2, Lebanon, New Jersey 08833; 22 Shooting Star, Irvine, California 92714; 1 Nevius Road, Whitehouse Station, New Jersey 08889; and 33 Garwood Road, Fairlawn, New Jersey 07410 (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

GEL FORMULATIONS CONTAINING GROWTH FACTORS  
(a continuation-in-part of U.S. Serial No. 098,816,  
filed September 18, 1987)

for which they have this day executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon, Inc. a corporation of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete title to said inventions and discoveries.

REF 4993 FRAME 660

PATENT

REEL: 022248 FRAME: 0268

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 17th day of August, 1988.

\_\_\_\_\_  
Amy L. Finkenaur (L.S.)

\_\_\_\_\_  
Jonathan M. Cohen (L.S.)

Shalaby W. Shalaby  
Shalaby W. Shalaby (L.S.)

\_\_\_\_\_  
Elisabeth A. Sandoval (L.S.)

\_\_\_\_\_  
Rao S. Bezwada (L.S.)

\_\_\_\_\_  
Richard L. Kronenthal (L.S.)

STATE OF NEW JERSEY )  
 ) ss.  
COUNTY OF SOMERSET )

BE IT REMEMBERED, That on this 17th day of August, 1988, before me, an Attorney at Law, State of New Jersey, personally appeared Shalaby W. Shalaby who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

RECORDED  
PATENT & TRADEMARK OFFICE

AUG 19 88

Donald R. Zieg  
COMMISSIONER OF PATENTS  
AND TRADEMARKS OFFICE

Richard J. Grochala  
Richard J. Grochala  
Attorney at Law  
State of New Jersey

REEL 4993 FRAME 661

A S S I G N M E N T

Serial No.  
Filed

WHEREAS, Amy L. Finkenauf, Jonathan M. Cohen, Shalaby W. Shalaby, Elisabeth Sandoval, Rao S. Bezawada and Richard L. Kronenthal, respectively residing at 10 Steven Avenue, Somerville, New Jersey 08876; 16 Pheasant Drive, Marlboro, New Jersey 07746; 238-A Longview Road, Mountainville, RD#2, Lebanon, New Jersey 08833; 22 Shooting Star, Irvine, California 92714; 1 Nevius Road, Whitehouse Station, New Jersey 08889; and 33 Garwood Road, Fairlawn, New Jersey 07410 (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

GEL FORMULATIONS CONTAINING GROWTH FACTORS  
(a continuation-in-part of U.S. Serial No. 098,816,  
filed September 18, 1987)

for which they have this day executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon, Inc. a corporation of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection of their PATENT REEL: 022248 FRAME: 0270

REEL 4993 FRAME 662

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 18th day of August, 1988.

Amy L. Finkenaur (L.S.)  
Amy L. Finkenaur

Jonathan M. Cohen (L.S.)  
Jonathan M. Cohen

\_\_\_\_ (L.S.)  
Shalaby W. Shalaby

\_\_\_\_ (L.S.)  
Elisabeth A. Sandoval

Rao S. Bezwada (L.S.)  
Rao S. Bezwada

Richard L. Kronenthal (L.S.)  
Richard L. Kronenthal

STATE OF NEW JERSEY )  
 ) ss.  
COUNTY OF SOMERSET )

BE IT REMEMBERED, That on this 18th day of August, 1988, before me, an Attorney at Law, State of New Jersey, personally appeared Amy L. Finkenaur, Jonathan M. Cohen, Rao S. Bezwada and Richard L. Kronenthal who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

RECORDED  
PATENT & TRADEMARK OFFICE

AUG 19 88

Donald J. Ziegler  
COMMISSIONER OF PATENTS  
AND TRADEMARKS OFFICE

Richard J. Grochala  
Richard J. Grochala  
Attorney at Law  
State of New Jersey

REEL 4993 FRAME 663

A S S I G N M E N T

Serial No.  
Filed

WHEREAS, Amy L. Finkenaur, Jonathan M. Cohen, Shalaby W. Shalaby, Elisabeth Sandoval, Rao S. Bezwada and Richard L. Kronenthal, respectively residing at 10 Steven Avenue, Somerville, New Jersey 08876; 16 Pheasant Drive, Marlboro, New Jersey 07746; 238-A Longview Road, Mountainville, RD#2, Lebanon, New Jersey 08833; 22 Shooting Star, Irvine, California 92714; 1 Nevius Road, Whitehouse Station, New Jersey 08889; and 33 Garwood Road, Fairlawn, New Jersey 07410 (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

GEL FORMULATIONS CONTAINING GROWTH FACTORS  
(a continuation-in-part of U.S. Serial No. 098,816,  
filed September 18, 1987)

for which they have this day executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon, Inc. a corporation of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection of their PATENT

REF 1,993 FRAME 664

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 17 day of August, 1988.

\_\_\_\_\_  
Amy L. Finkenaur (L.S.)

\_\_\_\_\_  
Jonathan M. Cohen (L.S.)

\_\_\_\_\_  
Shalaby W. Shalaby (L.S.)

Elisabeth A. Sandoval  
Elisabeth A. Sandoval (L.S.)

\_\_\_\_\_  
Rao S. Bezwađa (L.S.)

\_\_\_\_\_  
Richard L. Kronenthal (L.S.)

WITNESS AS TO E.A. SANDOVAL'S SIGNATURE

Signature: John N Bonfiglio  
Name: John N Bonfiglio  
Residence 27542 HAICON  
Address: Mission Viejo CA 92691

RECORDED  
PATENT & TRADEMARK OFFICE

AUG 19 88

Donald J. Ziegler  
COMMISSIONER OF PATENTS  
AND TRADEMARK OFFICE

REEL 1993 FRAME 665