



102226838

To the Honorable Commissioner of Patents and Trademarks, attached original document or copy thereof.

1. Names of conveying parties:

- 1) HEATHER ANN BEAM
- 2) THOMAS J. BRADBURY
- 3) KATHLEEN D. CHEMEL
- 4) CHRISTOPHER M. GAYLO
- 5) ALFRED ANTHONY LITWAK
- 6) QING LIU

9-16-02

Additional names of conveying parties attached? Yes No

2. Name and address of receiving party:

Name: THERICS, INC.

Internal Address: _____

Street Address: 115 CAMPUS DRIVE

City: PRINCETON State NEW JERSEY

Zip: 08540

Additional names & addresses attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Dates:

- 1) MAY 10, 2002 4) MAY 29, 2002
- 2) MAY 29, 2002 5) MAY 29, 2002
- 3) MAY 31, 2002 6) MAY 29, 2002

4. Application number(s) or registration number(s):

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

A. Patent Application No(s).

10/122,129

B. Patent No(s).

Additional numbers attached? Yes No

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

Name: Seed Intellectual Property Law Group PLLC

Internal Address: SUSAN D. BETCHER

Street Address: 701 Fifth Avenue, Suite 6300

City: Seattle State: WA ZIP: 98104-7092

6. Total number of applications and patents involved.....

1

7. Total Fee (37 CFR 3.41):

\$40

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

19-1090

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.

SUSAN D. BETCHER

Name of Person Signing

Signature

3/7/02

Date

Total number of pages including cover sheet, attachments, and document: 12

PATENTS ONLY

Continuation

1. Additional name(s) of conveying party(ies):

Peter Albert Materna
Donald Monkhouse
Jennifer Patterson
Timothy J. Pryor
Sunil Saini
Henry Leon Surprenant
Chen-Chao Wang
Thomas George West
Jaedeok Yoo

2. Additional name(s) and addresses of receiving party(ies):

3. Execution date(s)

May 31, 2002
May 29, 2002
July 23, 2002
May 23, 2002
May 23, 2002
May 28, 2002
May 28, 2002
May 22, 2002
May 22, 2002

4. A. Additional Patent Application No.(s):

B. Additional Patent No.(s):

ASSIGNMENT

WHEREAS, we, Heather Ann Beam, Thomas J. Bradbury, Kathleen D. Chesmel, Christopher M. Gaylo, Alfred Anthony Litwak, Qing Liu, Peter Albert Materna, Donald Monkhouse, Jennifer Patterson, Timothy J. Pryor, Sunil Saini, Henry Leon Surprenant, Chen-Chao Wang, Thomas George West, and Jaedeok Yoo (hereinafter referred to as ASSIGNORS), having mailing addresses of 914A Village Drive West, North Brunswick, New Jersey 08902; 30 Lower Hilltop Road, Yardley, Pennsylvania 19067; 2 Hopkins Lane, Cream Ridge, New Jersey 08514; 22 Landing Lane, Princeton Junction, New Jersey 08550; 498 Long Avenue, Manasquan, New Jersey 08736; 180 Franklin Corner Road, Apartment F4, Lawrenceville, New Jersey 08648; 81 Rector Street, Metuchen, New Jersey 08840; 439 King of Prussia Road, Radnor, Pennsylvania 19087; 6415A 9th Avenue N.E., Seattle, Washington 98115; 342 Richard Road, Yardley, Pennsylvania 19067-1970; 1307 Deer Creek Drive, Plainsboro, New Jersey 08536; 30 Summer Hill Lane, Phoenixville, Pennsylvania 19460; 20 Highmont Drive, West Windsor, New Jersey 08550; 612 Sturwood Way, Lawrenceville, New Jersey 08648; and 19 Boland Drive, West Orange, New Jersey 07052, respectively, are the joint inventors of an invention entitled "METHOD AND APPARATUS FOR ENGINEERED REGENERATIVE BIOSTRUCTURES SUCH AS HYDROXYAPATITE SUBSTRATES FOR BONE HEALING APPLICATIONS," as described and claimed in the specification for which an application for United States letters patent was filed on April 12, 2002, and assigned Application No. 10/122,129. This application claims the benefit of Provisional Application No. 60/283,564, filed on April 12, 2001.

WHEREAS, Therics, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of Virginia having a place of business at 115 Campus Drive, Princeton, New Jersey 08540, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or

otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

5/10/02
Date

Heather Ann Beam
Heather Ann Beam

State of New Jersey)
County of Mercer)

ss.

I certify that I know or have satisfactory evidence that Heather Ann Beam is the person who appeared before me, and said person acknowledged that she signed this instrument and acknowledged it to be her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated May 10, 2002

Signature of Notary Public Mary Ellen Jordan

Printed Name Mary Ellen Jordan

My appointment expires MARY ELLEN JORDAN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/10/2004

5/29/02
Date

Thomas J. Bradbury
Thomas J. Bradbury

State of New Jersey)
County of Mercer)

ss.

I certify that I know or have satisfactory evidence that Thomas J. Bradbury is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated May 29, 2002

Signature of Notary Public Mary Ellen Jordan

Printed Name Mary Ellen Jordan

My appointment expires MARY ELLEN JORDAN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/10/2004

5/31/02
Date

Kathleen D. Chesmel
Kathleen D. Chesmel

State of New Jersey)
County of Mercer)

ss.

I certify that I know or have satisfactory evidence that Kathleen D. Chesmel is the person who appeared before me, and said person acknowledged that she signed this instrument and acknowledged it to be her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated May 31, 2002

Signature of Notary Public Mary Ellen Jordan

Printed Name Mary Ellen Jordan

My appointment expires MARY ELLEN JORDAN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/10/2004

5/29/02
Date

Christopher M. Gaylo
Christopher M. Gaylo

State of New Jersey)
County of Mercer)

ss.

I certify that I know or have satisfactory evidence that Christopher M. Gaylo is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated May 29, 2002

Signature of Notary Public Mary Ellen Jordan

Printed Name Mary Ellen Jordan

My appointment expires **MARY ELLEN JORDAN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/10/2004**

5/29/02
Date

Alfred Anthony Litwak
Alfred Anthony Litwak

State of New Jersey)
County of Mercer)

ss.

I certify that I know or have satisfactory evidence that Alfred Anthony Litwak is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated May 29, 2002

Signature of Notary Public Mary E. Jordan

Printed Name Mary E. Jordan

My appointment expires **MARY ELLEN JORDAN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/10/2004**

5/29/2002

Date

Qing Liu

Qing Liu

State of New Jersey)

ss.

County of Merger)

I certify that I know or have satisfactory evidence that Qing Liu is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated May 29, 2002

Signature of Notary Public *Mary E. Jordan*

Printed Name Mary E. Jordan

My appointment expires **MARY ELLEN JORDAN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/10/2004**

5/31/02

Date

Peter Albert Materna

Peter Albert Materna

State of New Jersey)

ss.

County of Merger)

I certify that I know or have satisfactory evidence that Peter Albert Materna is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated May 31, 2002

Signature of Notary Public *Mary E. Jordan*

Printed Name Mary E. Jordan

My appointment expires **MARY ELLEN JORDAN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/10/2004**

29 May, 2002

Donald Monkhouse

Date

Donald Monkhouse

State of New Jersey)

ss.

County of Mercer)

I certify that I know or have satisfactory evidence that Donald Monkhouse is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated May 29, 2002

Signature of Notary Public *Mary E. Jordan*

Printed Name Mary E. Jordan

My appointment expires MARY ELLEN JORDAN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/10/2004

Date

Jennifer Patterson

State of _____)

ss.

County of _____)

I certify that I know or have satisfactory evidence that Jennifer Patterson is the person who appeared before me, and said person acknowledged that she signed this instrument and acknowledged it to be her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of Notary Public _____

Printed Name _____

My appointment expires _____

29 May, 2002

Donald C. Monkhouse

Date

Donald Monkhouse

State of New Jersey

ss.

County of Mercer

I certify that I know or have satisfactory evidence that Donald Monkhouse is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated May 29, 2002

Signature of Notary Public *Mary E. Jordan*

Printed Name Mary E. Jordan

My appointment expires MARY ELLEN JORDAN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/10/2004

7/23/02

Jennifer Patterson

Date

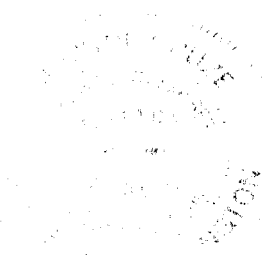
Jennifer Patterson

State of WASHINGTON

ss.

County of KING

I certify that I know or have satisfactory evidence that Jennifer Patterson is the person who appeared before me, and said person acknowledged that she signed this instrument and acknowledged it to be her free and voluntary act for the uses and purposes mentioned in the instrument.



Dated July 23, 2002

Signature of Notary Public *Christie Cruze*

Printed Name CHRISTIE CRUZE

My appointment expires 8/15/2005

5/23/02
Date

Timothy J. Pryor
Timothy J. Pryor

State of New Jersey
County of Mercer

ss.

I certify that I know or have satisfactory evidence that Timothy J. Pryor is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated May 23, 2002

Signature of Notary Public Mary E. Jordan

Printed Name Mary E. Jordan

My appointment expires **MARY ELLEN JORDAN**
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/10/2004

5/23/02
Date

Sunil Saini
Sunil Saini

State of New Jersey
County of Mercer

ss.

I certify that I know or have satisfactory evidence that Sunil Saini is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated May 23, 2002

Signature of Notary Public Mary E. Jordan

Printed Name Mary E. Jordan

My appointment expires **MARY ELLEN JORDAN**
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/10/2004

28 MAY 2002
Date

Henry L Surprenant
Henry Leon Surprenant

State of New Jersey
County of Mercer

ss.

I certify that I know or have satisfactory evidence that Henry Leon Surprenant is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated May 28, 2002

Signature of Notary Public Mary E. Jordan

Printed Name Mary E. Jordan

My appointment expires **MARY ELLEN JORDAN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/10/2004**

May 28, 2002
Date

Chen-Chao Wang
Chen-Chao Wang

State of New Jersey
County of Mercer

ss.

I certify that I know or have satisfactory evidence that Chen-Chao Wang is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated May 28, 2002

Signature of Notary Public Mary E. Jordan

Printed Name Mary E. Jordan

My appointment expires **MARY ELLEN JORDAN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/10/2004**

22 MAY 02
Date

Thomas G. West
Thomas George West

State of New Jersey
County of Mercer

ss.

I certify that I know or have satisfactory evidence that Thomas George West is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated May 22, 2002
Signature of Notary Public Mary E. Jordan
Printed Name Mary E. Jordan
My appointment expires MARY ELLEN JORDAN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/10/2004

5/22/02
Date
State of New Jersey
County of Mercer

Jaedeok Yoo
Jaedeok Yoo

ss.

I certify that I know or have satisfactory evidence that Jaedeok Yoo is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated May 22, 2002
Signature of Notary Public Mary E. Jordan
Printed Name Mary E. Jordan
My appointment expires MARY ELLEN JORDAN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/10/2004