

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

John P. RYABY

Additional name of conveying party(ies) attached? Yes No**2. Name and address of receiving party(ies)**Name: EXOGEN, INC.

Internal Address: _____

Street Address: P. O. Box 686010 Constitution AvenueCity: PiscatawayState: New JerseyCountry: United States Zip: 08855Additional Name(s) & address(es) attached? Yes No**3. Nature of conveyance:**Execution Date(s) August 25, 1999

- Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application number(s) or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)

10/026,290

B. Patent No.(s)

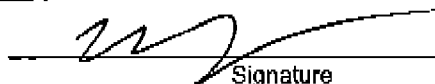
Additional numbers attached? Yes No**5. Name and address of party to whom correspondence concerning this document should be mailed:**Name: Chief Patent CounselInternal Address: Smith & Nephew, Inc.Street Address: 1450 Brooks RoadCity: MemphisState: Tennessee Zip: 38116Phone Number: 901.396.2121Fax Number: 901.399.1528Email Address: Bill.Clemmons@Smith-Nephew.com**6. Total number of applications and patents involved: 01****7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40**

- Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

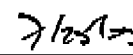
8. Payment Informationa. Credit Card Last 4 Numbers 2008
Expiration Date 08/06

b. Deposit Account Number _____

Authorized User Name _____

9. Signature :


Signature



Date

Bruce D. Gray, Reg. No. 35,799

Total number of pages including cover sheet, attachments, and documents

06

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 308-5995, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

Attorney's Docket No. 601-38PCT

PATENT

For: PCT Application
 For: U.S. and/or Foreign Rights
 For: U.S. Application or U.S. Patent
 By: Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: Roger J. Talish
 John P. Ryaby
 Emery S. Rose
 Alan A. Winder
 Kenneth Urgovich, Sr.

hereby sells, assigns and transfers to

ASSIGNEE:

EXOGEN, INC.
 (Type or print name of ASSIGNEE)

P.O. Box 6860 - 10 Constitution Ave.
 Address
Piscataway, New Jersey 08855

USA
 Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest
- an undivided _____ percent (_____ %) interest for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

- an in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

METHOD AND APPARATUS FOR CARTILAGE GROWTH STIMULATION

(Assignment of Invention [16-3] - page 1 of 4)

PATENT
 REEL: 016565 FRAME: 0835

(check and complete (a), (b), (c) or (d))

and which is found in

- (a) U.S. Patent Application executed on even date herewith
- (b) U.S. Patent Application executed on _____
- (c) U.S. Application Serial No. 0 / _____ filed on

- (d) U.S. Patent No. _____ issued _____
- A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
- (e) PCT Application No. PCT/US98/02447 filed on February 6, 1998.
- (f) U.S. Provisional Patent Application Serial No. 60/037,367 filed on February 6, 1997.

(also check (e) if foreign application(s) is also being assigned)

- (g) and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation in part, division, renewal, or substitute thereof, and as to letters patent any re-issue or re-examination 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;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal
this 25th day of August 1999 (Date of signing).

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.



ROGER J. TISH

8/25/99

Dated



JOHN P. RYABY

8/25/99

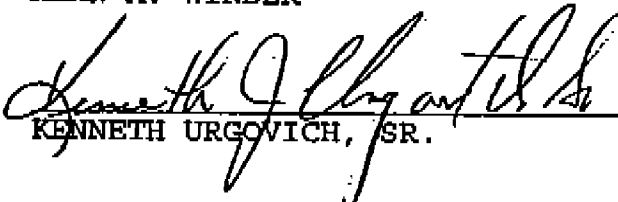
Dated

EMERY S. ROSE

Dated

ALAN A. WINDER

Dated



KENNETH URGOVICH, SR.

8/25/99

Dated

If ASSIGNOR is a legal entity complete the following information

Type or print the name of the above person
authorized to sign on behalf of ASSIGNOR

Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 U.S.C. 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.

STATE OF *New Jersey*
COUNTY OF *Middlesex*

SS

On this 25th day of August, 1999, before me personally appeared ROGER J. TALISH to me personally known and known to me to be the person who signed the foregoing assignment and acknowledged the signing of same as his free act and deed.

Susan S. Kelley
Notary Public
SUSAN S. KELLEY
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 28, 1999

STATE OF *New Jersey*
COUNTY OF *Middlesex*

SS

On this 25th day of August, 1999, before me personally appeared JOHN P. RYABY to me personally known and known to me to be the person who signed the foregoing assignment and acknowledged the signing of same as his free act and deed.

Susan S. Kelley
Notary Public
SUSAN S. KELLEY
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 28, 1999

STATE OF
COUNTY OF

SS

On this _____ day of _____, 19____, before me personally appeared EMERY S. ROSE to me personally known and known to me to be the person who signed the foregoing assignment and acknowledged the signing of same as his free act and deed.

Notary Public

STATE OF
COUNTY OF

SS

On this _____ day of _____, 19____, before me personally appeared ALAN A. WINDER to me personally known and known to me to be the person who signed the foregoing assignment and acknowledged the signing of same as his free act and deed.

Notary Public

STATE OF *New Jersey*

SS

COUNTY OF *Middlesex*

On this *25th* day of *August*, 19*99*,
before me personally appeared KENNETH K. URGOVICH, SR to me
personally known and known to me to be the person who signed the
foregoing assignment and acknowledged the signing of same as his
free act and deed.

Susan S. Kelley

Notary Public

SUSAN S. KELLEY
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 28, 1999