

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

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

1. Name of conveying party(ies):
Harold D. Doshan (6/28/2006) and Julio Perez
(7/18/2006)
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Progenics Pharmaceuticals, Inc
Internal Address: _____
Street Address: _____

3. Nature of conveyance/Execution Date(s):
Execution Date(s): In parentheses after inventor name
 Assignment Merger Change of Name
 Security Agreement Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

777 Old Saw Mill River Road
City: Tarrytown
State: New York
Country: United States of America Zip: 10591
Additional name(s) & address(es) attached: Yes No

4. Application or patent number(s):
A. Patent Application No.(s)
11/441,395
Additional numbers attached? Yes No

This document is being filed together with a new application.
B. Patent No.(s)

 Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: Edward R. Gates
WOLF, GREENFIELD & SACKS, P.C.
Internal Address: _____
Street Address: Federal Reserve Plaza
600 Atlantic Avenue
City: Boston
State: MA Zip: 02210-2206
Phone Number: (617) 646-8000
Fax Number: (617) 646-8646
Email Address: egates@wolfgreenfield.com

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

B. Payment Information
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 23/2825
Authorized User Name _____

9. Signature:
Edward R. Gates January 9, 2007
Signature Date
Edward R. Gates - 31,616 Total number of pages including cover sheet, attachments, and documents: 5
Name of Person Signing

CH \$40.00 232826 11441395

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned hereby:

1. Sell, assign and transfer to **Progenics Pharmaceuticals, Inc.**, a New York corporation having a place of business at 777 Old Saw Mill River Road, Tarrytown, NY 10591, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on **May 25, 2006** under Serial No. **11/441395**, bearing Attorney Docket No. **P0453.70119US01**, and entitled **SYNTHESIS OF R-N-METHYLNALTREXONE**, and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;
3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal.

28 June 2006
Date

Harold D. Doshan
Inventor: HAROLD D. DOSHAN

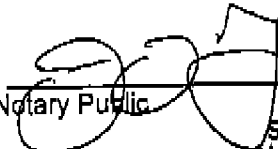
Address: 18 Griffith Road
Riverside, CT 06878

Citizenship: United States of America

STATE/Commonwealth of CT :

COUNTY OF FAIRFIELD :

Sworn to and subscribed before me on this 28th day of JUNE, 2006, under the pains and penalties of perjury under the laws of the United States of America.

SEAL  James J. Money
Notary Public
State of Connecticut
My Commission Expires
December 31, 2009

Date

Inventor: JULIO PEREZ

Address: 273D South Broadway
Tarrytown, NY 10591

Citizenship: United States of America

STATE/Commonwealth of _____ :

COUNTY OF _____ :

Sworn to and subscribed before me on this ____ day of _____, 20__, under the pains and penalties of perjury under the laws of the United States of America.

SEAL _____
Notary Public
My commission expires _____

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned hereby:

1. Sell, assign and transfer to **Progenics Pharmaceuticals, Inc.**, a New York corporation having a place of business at 777 Old Saw Mill River Road, Tarrytown, NY 10591, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on **May 25, 2006** under Serial No. **11/441395**, bearing Attorney Docket No. **P0453.70119US01**, and entitled **SYNTHESIS OF R-N-METHYLNALTREXONE**, and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
2. Agree that said Assignee may apply for and receive Letters Patent and utility model and Industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;
3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal.

Docket No. P0453.70119US01

Page 2 of 2

Date _____ Inventor: HAROLD D. DOSHAN

Address: 18 Griffith Road
Riverside, CT 06878

Citizenship: United States of America

STATE/Commonwealth of _____ :

County of _____ :

Sworn to and subscribed before me on this ____ day of _____, 20__, under the pains and penalties of perjury under the laws of the United States of America.

SEAL _____
Notary Public

My commission expires _____

7-18-06
Date

Inventor: JULIO PEREZ 

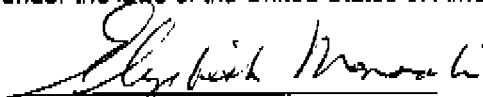
Address: 273D South Broadway
Tarrytown, NY 10591

Citizenship: Spain

STATE/Commonwealth of NEW YORK :

County of WESTCHESTER :

Sworn to and subscribed before me on this 18th day of JULY, 2006 under the pains and penalties of perjury under the laws of the United States of America.

SEAL 
Notary Public

My commission expires JULY 16, 2007

ELIZABETH MANOCCHI
Notary Public, State of New York
No. 01MA8081845
Qualified in Westchester County
Commission Expires July 16, 2007

