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Atty Ref/Docket No.: 101.018US1

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

1. Name of conveying party(ies):

Orphan Medical, Inc.,
a Minnesota Corporation

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

3. Nature of conveyance:

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

Execution Date: August 24, 2000

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

Name: Orphan Medical, Inc.,
a Delaware Corporation

Street Address: 13911 Ridgedale Drive
Suite 250

City: Minnetonka State: MN ZIP: 55305

Additional name(s) & address(es) attached? [] Yes [X] 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)

Serial No. 09/176,666, filed October 21, 1998

Additional numbers attached? [] Yes [X] No

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

Name: Patti J. Jurkovich

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our
Deposit account number: 19-0743

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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.

Patti J. Jurkovich/Reg. No. 44,813
Name of Person Signing

P. Jurkovich
Signature

Aug. 25, 2000
Date

Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

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ASSIGNMENT

STATE OF MINNESOTA
COUNTY OF HENNEPIN

THIS ASSIGNMENT is made in respect of U.S. Patent Application No. 09/176666, which was filed on October 21, 1998.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, ORPHAN MEDICAL, INC. ("ASSIGNOR"), a Minnesota corporation whose principal place of business and address for notice are at 13911 Ridgedale Drive, Suite 250, Minnetonka, Minnesota 55305, United States of America, attention: Chief Executive Office, does hereby:

SELL, ASSIGN AND TRANSFER TO ORPHAN MEDICAL, INC. ("ASSIGNEE"), a Delaware corporation and a wholly owned subsidiary of ASSIGNOR, whose principal place of business and address for notice are at 13911 Ridgedale Dr., Suite 250, Minnetonka, Minnesota 55305, United States of America, the entire right, title and interest for the United States and all foreign countries in and to the following in respect of U.S. Patent Application No. 09/176666:

1. any and all improvements which are disclosed in the above-referenced U.S. Patent Application, but only to the extent of such disclosure;
2. the above-referenced U.S. Patent Application, any U.S. Patent that may issue from the above-referenced U.S. Patent Application, and all divisional, continuing, continuation-in-part, substitute, renewal, reissue and all other applications for patent which have been or may be subsequently filed, in the United States and/or in any and all other countries, on any of such improvements;
3. any right to sue for present or past infringement of the above-referenced U.S. Patent Application;
4. and specifically including any right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting or encumbering the ownership of the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to and in favor of the successors, assigns and nominees of the ASSIGNEE.

ORPHAN MEDICAL, INC.
By: [Signature]
John H. Bullion
Chief Executive Officer and Director

Date 8/24/00

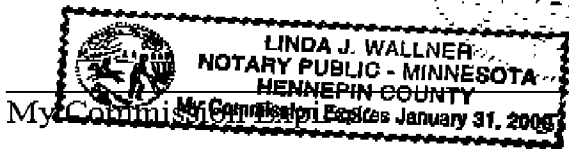
ACKNOWLEDGMENT

On this 24th day of August, 2000 before me personally appeared John H. Bullion, known to me or identified upon sufficient evidence to be Chief Executive Officer and Director of ORPHAN MEDICAL, INC., a Minnesota corporation, who acknowledged that he had read and executed the foregoing instrument in that capacity for the purposes and consideration therein stated.

(SEAL)

[Signature]
Notary Signature

LINDA J. WALLNER
Printed Name and Title



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH
 PATENT, TRADEMARK & COPYRIGHT ATTORNEYS
 P.O. Box 2938
 Minneapolis, MN 55402
 Telephone (612) 373-6900 Facsimile (612) 339-3061

August 25, 2000

Time: 2:55 pm
(Minneapolis, Minn.)

TO: Commissioner for Patents
 Attn: Richard Hutson, Ph.D.
 Patent Examining Corps
 Facsimile Center
 Washington, D.C. 20231

FROM: Patti J. Jurkovich

OUR REF: 101.018US1

TELEPHONE: (612) 373-6903

FAX NUMBER (703) 306-5995

Document(s) Transmitted: Assignment Recordation Coversheet (1pg); Assignment of Application Serial No. 09/176,666 to Orphan Medical, Inc. (2pgs)

Total pages of this transmission, including cover letter: 4 pgs

If you do NOT receive all of the pages described above, please telephone us at 612-373-6900, or fax us at 612-339-3061.

In re. Patent Application of: Nobuhiro Miyamura

Examiner: Richard Hutson, Ph.D.

Serial No.: 09/176,666

Group Art Unit: 1652

Filed: October 21, 1998

Docket No.: 101.018US1

Title: TRUNCATED α -GALACTOSIDASE A TO TREAT FABRY DISEASE

Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

By: *P. Jurkovich*
 Name: Patti J. Jurkovich
 Reg. No.: Reg. No. 44,813

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Frances L. Essien
 Frances L. Essien

August 25, 2000
 Date of Transmission