

11/3/03  
Atty Ref/Docket No.: 101.020US1

RE/

11-05-2003



Patent and Trademark Office

To the Honorable Commissioner of Patents &

102592684

attached original documents or copy thereof.

1. Name of conveying party(ies):  
Mortimer Mamelak, William C. Houghton, Dayton T.  
Reardan and Brian L. Miller

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

Name: Orphan Medical, Inc.

Street Address: 13911 Ridgedale Drive

City: Minnetonka State: MN Zip: 55343

Additional name(s) of conveying party(ies) attached?  
☐ Yes ☒ No

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: October 20, 2003, August 18, 2003,  
August 18, 2003, September 16, 2003

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

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 10/381224, filed March 21, 2003

Additional numbers attached? ☐ Yes ☒ No

2003 NOV -3 AM 7:42  
OPR/ENFORCE

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 over  
payments 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

Signature

Date

Total number of pages including cover sheet: 6

11/04/2003 EDCOMER 00000000 10381224

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Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

PATENT  
REEL: 014648 FRAME: 0612

## ASSIGNMENT

WHEREAS, We, Mortimer Mamelak, residing at 19 Tumbleweed Road, Toronto, M2J 2N2, and William C. Houghton, residing at 1034 Summit Avenue, St. Paul, MN 55105, and Dayton T. Reardan, residing at 22345 Bracketts Road, Excelsior, MN 55331, and Brian L. Miller, residing at 21508 Maple Avenue, Rogers, MN 55374, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on March 21, 2003, which application was assigned U.S. patent application serial number 10/381224, and is entitled GAMMA-HYDROXYBUTYRATE COMPOSITIONS CONTAINING CARBOHYDRATE, LIPID OR AMINO ACID CARRIERS;

AND WHEREAS, Orphan Medical, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 13911 Ridgedale Drive, Minnetonka, MN 55343 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of  
October, 2003.

m. Mamelak

Mortimer Mamelak

PROVINCE

~~STATE~~ OF ONTARIO )

)ss

COUNTY OF YORK )  
CANADA

On this 20th day of OCTOBER, 2003 before me personally appeared Mortimer Mamelak, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

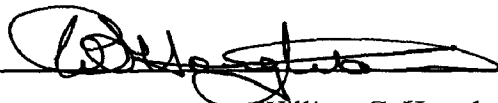
[Signature]

Notary Public

MYER BETEL

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18 day of

August, 2003.



William C. Houghton

STATE OF Minnesota )

)ss

COUNTY OF Hennepin )

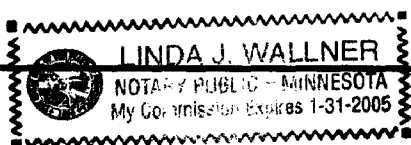
On this 18<sup>th</sup> day of August, 2003 before me personally appeared William C.

Houghton, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

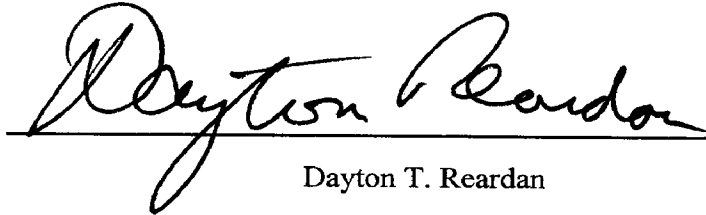
[SEAL]



Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 18 day of August, 2003.

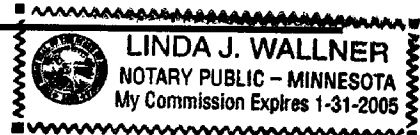
  
Dayton T. Reardan

STATE OF Minnesota )  
COUNTY OF Hennepin )ss

On this 18<sup>th</sup> day of August, 2003 before me personally appeared Dayton T. Reardan, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

  
Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 16<sup>th</sup> day of

September, 2003.

B - L - Miller

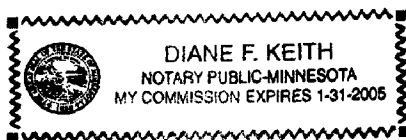
Brian L. Miller

STATE OF Minnesota )

COUNTY OF Scott )ss

On this 16<sup>th</sup> day of September, 2003 before me personally appeared Brian L. Miller, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Diane F. Keith

Notary Public