

06-15-2010

U.S. DEPARTMENT OF COMMERCE  
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torney Docket No.: 601-1-141PCTUS

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)/Execution Date(s):

Janine H. Santos

Execution Date(s) March 23, 2010

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

3. Nature of conveyance:

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

2. Name and address of receiving party(ies)

Name: University of Medicine & Dentistry of New Jersey

Internal Address: \_\_\_\_\_

Street Address: 1 Worlds Fair Drive

City: Somerset

State: New Jersey

Country: United States Zip: 08873

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

4. Application or patent number(s):

A. Patent Application No.(s)

12/733,277

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: KLAUBER & JACKSON LLC

Internal Address: \_\_\_\_\_

Street Address: 411 Hackensack Avenue  
4th Floor

City: Hackensack

State: NJ Zip: 07601

Phone Number: 201-487-5800

Fax Number: 201-343-1684

Email Address: \_\_\_\_\_

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)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 11-1153

Authorized User Name David A. Jackson

9. Signature:

Sarah J. Fashena  
Signature

Sarah J. Fashena, Ph.D., Reg. No. 57,600

Name of Person Signing

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June 10, 2010

Date

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Total number of pages including cover sheet, attachments, and documents: 1

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT  
REEL: 024534 FRAME: 0501

**ASSIGNMENT**

WHEREAS, I, **Janine H. Santos**, a citizen of Brazil, residing at 557 Mountain View Terrace, Dunellen, NJ 08812;

have invented certain new and useful improvements in

**TELOMERASE REVERSE TRANSCRIPTASE VARIANT**

for which I have filed an Application for Letters Patent in the United States on **February 22, 2010**, and was accorded U.S. Serial No. 12/733,277; and

WHEREAS, **University of Medicine and Dentistry of New Jersey**,  
a corporation organized and existing under the laws of the State of New Jersey,  
with office at 1 Worlds Fair Drive, Somerset, NJ. 08873

ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, for other good and valuable consideration, the receipt of which is hereby acknowledged, I the said

**Janine H. Santos**

have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to the said

**University of Medicine and Dentistry of New Jersey,**

its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the right to claim priority under the terms of any appropriate International Convention based upon said application for Letters Patent of the United States, and all Letters Patent which may be granted from said improvements in any country or countries foreign to the United States and extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States, whose duty is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said

**University of Medicine and Dentistry of New Jersey,**

it successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the interest herein assigned in the manner hereinabove set forth, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said

**University of Medicine and Dentistry of New Jersey,**

its successors, legal representatives and assigns, any fact known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisions, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said

**University of Medicine and Dentistry of New Jersey,**

its successors, legal representatives and assigns, to obtain and enforce proper Patent Protection for said improvements in the United States.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my signature.

Date 03.23.10

Janine H. Santos L.S.  
Janine H. Santos