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To the Director of the U.S. Patent and

documents or the new address(es) below.

1. Name of conveying party(ies)

Samit Adhya

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) November 9, 2009

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

2. Name and address of receiving party(ies)

Name: Council of Scientific and Industrial Research

Internal Address:

Street Address: Rafi Marg

City: New Delhi

State:

Country: India Zip: 110 001

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

4. Application or patent number(s):

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

A. Patent Application No.(s)

B. Patent No.(s)

12/584,059

Additional numbers attached? ☐ Yes ☒ No

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

Name: Nanda P.B.A. Kumar

Internal Address: Intellectual Property

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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 to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number credit card payment

Authorized User Name

9. Signature:

Signature

12/15/09  
Date

40.00 OF  
Nanda P.B.A. Kumar

Name of Person Signing

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

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT  
REEL: 023674 FRAME: 0431

**ASSIGNMENT**

WHEREAS, I, the undersigned inventor, whose post office addresses are set forth below, have invented and own a certain invention entitled:

**PROTEIN-CODING RNA TO CORRECT MITOCHONDRIA DYSFUNCTION**

for which an application was filed on August 28, 2009 and has been assigned the Application No. 12/584,059 and

WHEREAS, **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH**, having a place of business at Rafi Marg, New Delhi, India 110 001, hereinafter referred to as **ASSIGNEE**, which **ASSIGNEE** is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

WE HEREBY SELL, ASSIGN AND TRANSFER to **ASSIGNEE** the full and exclusive right, title and interest to said invention, in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

WE HEREBY REPRESENT AND WARRANT that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale; and

WE FURTHER REPRESENT AND WARRANT that we will provide promptly to **ASSIGNEE**, upon **ASSIGNEE**'s request, all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to us and we will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to **ASSIGNEE** or its legal representative 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 in any foreign country which may be necessary or desirable to carry out the purposes thereof.

This Assignment may be executed in any number of counterparts, each of which shall be deemed to be an original, all of which shall constitute one and the same Assignment.

Date: November 9, 2009  
Signature: Samit Adhya  
Name Printed: Samit Adhya  
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