503459766 08/31/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3506391 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| KAMEL KHALILI | 07/31/2015 |
| WENHUI HU | 07/31/2015 |

RECEIVING PARTY DATA

| Name: | TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION |
|-------------------|--|
| Street Address: | 1938 LICOURAS WALK |
| Internal Address: | ROOM 211 |
| City: | PHILADELPHIA |
| State/Country: | PENNSYLVANIA |
| Postal Code: | 19122-6029 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14838057 |

CORRESPONDENCE DATA

Fax Number: (248)539-5055

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 248-539-5050

Email: s.fox@kohnandassociates.com
Correspondent Name: KOHN & ASSOCIATES PLLC

Address Line 1: 30500 NORTHWESTERN HIGHWAY

Address Line 2: SUITE 410

Address Line 4: FARMINGTON HILLS, MICHIGAN 48334

| ATTORNEY DOCKET NUMBER: | 0392.00002 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | KENNETH I. KOHN |
| SIGNATURE: | /Kenneth I. Kohn/ |
| DATE SIGNED: | 08/31/2015 |

Total Attachments: 2

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PATENT 503459766 REEL: 036458 FRAME: 0661

<u>ASSIGNMENT</u>

For the sum of One and no/100 (\$1.00) Dollar and other good and valuable consideration, receipt of which is hereby acknowledged, Kamel Khalili and Wenhui Hu, hereinafter referred to as ASSIGNORS, do hereby assign, sell and set over to TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION of 1938 Liacouras Walk Room 211; Philadelphia, PA 19122-6029, hereinafter referred to as ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

METHODS AND COMPOSITIONS FOR RNA-GUIDED TREATMENT OF HIV INFECTION

set forth in the application for United States Letters Patent, Serial No. 14/838,057, filed August 27, 2015, including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its own name, or in our names, at its election, and we hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority in and to said inventions and discoveries in all countries.

And we hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

1

PATENT REEL: 036458 FRAME: 0662 And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

IN WITNESS WHEREOF, we hereunto set our hands and seals.

Witness

Dated:

07/31/15

Witness

Dated: 07/31/15

ASSIGNOR:

KAMEL KHALILI

Dated: July 31. 2015

WENHUI HU

Dated: 7/31/15

ASSIGNEE - ACCEPTANCE OF ASSIGNMENT

Witness JANET

Dated

JANET CARRUTH SSISTANT SECRETARY

ASSISTANT SECRETAR

TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION

Wannath Kaisas

Kenneth Kaiser
CFO and Treasurer

Dated: 8/6/15

2