PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|--|
| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| UNIVERSITY OF IOWA | 09/16/2014 |

RECEIVING PARTY DATA

| Name: | National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government |
|-------------------|--|
| Street Address: | NIH Division of Extramural Inventions and Technology Resources (DEITR) |
| Internal Address: | 6705 Rockledge Drive, Suite 310, MSC 7980 |
| City: | Bethesda |
| State/Country: | MARYLAND |
| Postal Code: | 20892-7980 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14384775 |

CORRESPONDENCE DATA

Fax Number: (301)480-0272

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.

Email: edison@nih.gov
Correspondent Name: DIRECTOR, DEITR

Address Line 1: NIH, 6705 ROCKLEDGE DRIVE, SUITE 310

Address Line 2: MSC 7980

Address Line 4: BETHESDA, MARYLAND 20892-7980

NAME OF SUBMITTER:DIRECTOR, DEITR, NIHSIGNATURE:/Director, DEITR, NIH/DATE SIGNED:10/15/2014

Total Attachments: 1

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PATENT 503018882 REEL: 033990 FRAME: 0109

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| aigh and submit the executed document to the appropriate funding agency (e.g. upload in iEdison), |
|---|
| Invention Title: GB Virus C Envelope Glycoprotein 2 as an Immunomodulatory Agent |
| Inventor(s): Nirjal Bhattarai, James H McLinden, Jack T Stapleton, Jinhua Kiang |
| U.S. Filing/Issue Date: 09/12/2014 |
| Patent or Application Serial No.: 14/384,775 |
| Grant/Contract Number(s): AI058740 |
| Foreign Applications filed/intended in (countries): UNITED STATES |
| The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. This document is confirmatory of: |
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| Signed this 16th day of SEPTEMBER , 20 14 . |
| By zev sunleaf (Institutional Business Official) (Signature) |
| Title Executive Director |
| For UNIVERSITY OF IOWA (Grantee/Contractor Organization) |
| At 112 North Capitol Street 6 Gilmore Hall Iowa City, IA 52242 UNITED STATES (Business Address) |

PATENT REEL: 033990 FRAME: 0110

RECORDED: 10/15/2014