502972872 09/11/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3019471

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| MARIO MAUTINO | 04/18/2011 |
| SANJEEV KUMAR | 04/18/2011 |
| JESSE WALDO | 04/18/2011 |
| FIROZ JAIPURI | 04/18/2011 |
| TANAY KESHARWANI | 04/19/2011 |
| XIAOXIA ZHANG | 04/18/2011 |

RECEIVING PARTY DATA

| Name: | NEWLINK GENETICS CORPORATION | |
|-------------------|------------------------------|--|
| Street Address: | 2503 S. LOOP DRIVE | |
| Internal Address: | BUILDING 5, SUITE 5100 | |
| City: | AMES | |
| State/Country: | IOWA | |
| Postal Code: | 50010-8646 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14053440 |

CORRESPONDENCE DATA

Fax Number: (312)913-0002

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.

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Email: docketing@mbhb.com

Correspondent Name: MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP

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Address Line 2: SUITE 3100

Address Line 4: CHICAGO, ILLINOIS 60606

| ATTORNEY DOCKET NUMBER: | 11-315-US-CON | |
|-------------------------|-------------------------|--|
| NAME OF SUBMITTER: | MICHAEL S.GREENFIELD | |
| SIGNATURE: | /Michael S. Greenfield/ | |
| DATE SIGNED: | 09/11/2014 | |

502972872 PATENT REEL: 033725 FRAME: 0239

Total Attachments: 5 source=11-315-US-CON_Assignment#page1.tif source=11-315-US-CON_Assignment#page2.tif

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PATENT REEL: 033725 FRAME: 0240

ASSIGNMENT

Case No.: 11-315

Inventor: Mario Mautino, et al.

Serial No.: 61/475,788

Filing Date: April 15, 2011

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

NEWLINK GENETICS CORPORATION 2901 S. Loop Drive Ames, Iowa 50010-8646

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

IDO INHIBITORS

and identified as:

Case No. 11-315

in the offices of McDonnell Boehnen Hulbert & Berghoff LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving

such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made

| made. | | |
|---|--|--|
| WITNESS my hand and seal this day of | | |
| M : M : | | |
| State of Mario Mautino | | |
| County of | | |
| The foregoing instrument was acknowledged before me this day of, 2011. | | |
| Sanha Guall | | |
| SANDRA CARROLL Notarial Seal - Iowa Commission # 739893 My Commission Expires 3/28/202 | | |
| WITNESS my hand and seal this, day of | | |
| la Pen Cuy | | |
| State of Sanjeev Kumar | | |
| County of | | |
| The foregoing instrument was acknowledged before me this day of, 201. | | |
| SANDRA CARROLL Notarial Seal - Iowa Commission # 739893 My Commission Expires 3/28/2012 NOTARY PUBLIC | | |

WITNESS my hand and seal this 18 day of April Jesse Waldo State of County of SANDRA CARROLL Notarial Seal - Iowa Commission # 739893 Commission Expires WITNESS my hand and seal this 18 day of APRIL, 2011. State of County of The foregoing instrument was acknowledged before me this $\frac{18}{100}$ day of $\frac{1}{100}$ SANDRA CARROLL Notariai Seal - Iowa **NOTARY PUBLIC** Commission # 739893

| WITNESS my hand and seal this 19th day of, 2011. | | |
|---|--|--|
| Tanay Kesharwani | | |
| State of ILLINOIS | | |
| County of COOK | | |
| The foregoing instrument was acknowledged before me this 19th day of 1011. | | |
| OFFICIAL SEAL GRETCHEN M. BURNETT NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 5-19-2013 MY COMMISSION EXPIRES 5-19-2013 | | |
| NOTARY PUBLIC | | |
| WITNESS my hand and seal this day of, 2011. | | |
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| Xiaoxia Zhang | | |
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| State of | | |
| County of | | |
| The foregoing instrument was acknowledged before me this day of, 2011. | | |
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| NOTARY PUBLIC | | |

| WITNESS my hand and seal this day of | , 2011. | |
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| | Tanay Kesharwani | |
| State of | | |
| County of | | |
| The foregoing instrument was acknowledged bef | Fore me this day of, 2011. | |
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| WITNESS my hand and seal this 18 day of 4 | <u>v.l.</u> , 2011. | |
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| | Legur | |
| | Xiaoxia Zhang | |
| State of | | |
| County of | | |
| The foregoing instrument was acknowledged before me this | | |
| | parison, | |
| | Sandia Caudel | |
| SANDRA CARROLL | NOTARY PUBLIC | |
| Notarial Seal - Iowa Commission # 739893 | | |
| My Commission Expires 312812012 | | |

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MCDONNELL BOEHNEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60608
TELEPHONE RECORDED: 09/11/2014