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| PATENT ASSIGNMENT COVER SHEET |
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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| JOSE F. ROJAS | 11/17/2014 |
| KA-MAN VENUS LAI | 11/06/2014 |
| ANDREW J. MURPHY | 11/07/2014 |
| RECEIVING PARTY DATA | |
| Name: | REGENERON PHARMACEUTICALS, INC. |
| Street Address: | 777 OLD SAW MILL RIVER ROAD |
| City: | TARRYTOWN |
| State/Country: | NEW YORK |
| Postal Code: | 10591-6707 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14514454 |
| CORRESPONDENCE DATA | |
| Fax Number: | (914)847-7705 |
| <i>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.</i> | |
| Phone: | 914-847-7175 |
| Email: | patents@regeneron.com |
| Correspondent Name: | REGENERON PHARMACEUTICALS, INC. |
| Address Line 1: | 777 OLD SAW MILL RIVER ROAD |
| Address Line 2: | PATENT DEPARTMENT |
| Address Line 4: | TARRYTOWN, NEW YORK 10591 |
| ATTORNEY DOCKET NUMBER: | 2220US01 |
| NAME OF SUBMITTER: | ALICE CROWE |
| SIGNATURE: | /Alice Crowe/ |
| DATE SIGNED: | 12/01/2014 |
| Total Attachments: 6 | |
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| PATENT | |

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ASSIGNMENT

WHEREAS, We, ~~Jose F. ROJAS, Jr.~~^{Jose F. ROJAS} residing at 13 Linda Drive, Newburgh, New York 12550, citizen of the United States of America, Ka-Man Venus LAI, residing at 127 West Main Street, Unit 201, Tarrytown, New York 10591, a citizen of Canada and Andrew J. MURPHY, residing at 10 Newton Court, Croton-on-Hudson, New York 10520, a citizen of the United States of America are inventors of the invention disclosed and/or claimed in the following patent application:

“Humanized IL-15 Animals”

Serial No. 14/514,454; filed October 15, 2014

WHEREAS, REGENERON PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the State of New York, with offices at 777 Old Saw Mill River Road, Tarrytown, New York 10591-6707, U.S.A. (HEREINAFTER called “ASSIGNEE”) is desirous of acquiring our entire right, title and interest in, to, and under said application(s);

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, WE, said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, legal representatives, and assigns, our entire right, title and interest for all countries in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the above-described United States applications, and in and to said United States Applications and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents utility models, and designs which may hereafter be filed for said inventions in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States applications under the Patent Laws of the United States, the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention, or under any other available international agreement or under the domestic laws of the country in which any such application is filed, as may be applicable;

and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said inventions in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

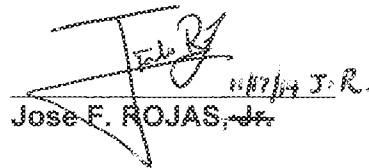
AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any Official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, their successors, legal representatives and assigns, in accordance with this instrument;

AND WE HEREBY covenant and agree that WE have full right to convey the entire interest hereinafter assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that WE will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, continuation-in-part, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said inventions in all countries.

IN TESTIMONY WHEREOF, we hereunto set our hands and seal the day and year set opposite our signatures.

Date: 11/17/2014


Jose F. ROJAS, Jr.

Date: _____

Ka-Man Venus LAI

Date: _____

Andrew J. MURPHY

ASSIGNMENT

WHEREAS, We, Jose F. ROJAS, Jr., residing at 13 Linda Drive, Newburgh, New York 12550, citizen of the United States of America, Ka-Man Venus LAI, residing at 127 West Main Street, Unit 201, Tarrytown, New York 10591, a citizen of Canada and Andrew J. MURPHY, residing at 10 Newton Court, Croton-on-Hudson, New York 10520, a citizen of the United States of America are inventors of the invention disclosed and/or claimed in the following patent application:

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and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said inventions in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE 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 it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, their successors, legal representatives and assigns, in accordance with this instrument;

AND WE HEREBY covenant and agree that WE have full right to convey the entire interest hereinafter assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that WE will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, continuation-in-part, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said inventions in all countries.

IN TESTIMONY WHEREOF, we hereunto set our hands and seal the day and year set opposite our signatures.

Date: _____

Jose F. ROJAS, Jr.

Date: 11/6/2014

Ka-Man Venus LAI

Date: _____

Andrew J. MURPHY

ASSIGNMENT

WHEREAS, We, Jose F. ROJAS, Jr., residing at 13 Linda Drive, Newburgh, New York 12550, citizen of the United States of America, Ka-Man Venus LAI, residing at 127 West Main Street, Unit 201, Tarrytown, New York 10591, a citizen of Canada and Andrew J. MURPHY, residing at 10 Newton Court, Croton-on-Hudson, New York 10520, a citizen of the United States of America are inventors of the invention disclosed and/or claimed in the following patent application:

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NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, WE, said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, legal representatives, and assigns, our entire right, title and interest for all countries in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the above-described United States applications, and in and to said United States Applications and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents utility models, and designs which may hereafter be filed for said inventions in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States applications under the Patent Laws of the United States, the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention, or under any other available international agreement or under the domestic laws of the country in which any such application is filed, as may be applicable;

and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said inventions in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

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IN TESTIMONY WHEREOF, we hereunto set our hands and seal the day and year set opposite our signatures.

Date: _____

Jose F. ROJAS, Jr.

Date: _____

Ka-Man Venus LAI

Date: 11/17/14 _____

Andrew J. MURPHY