PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3423818

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
|-----------------------|---|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the RECEIVING PARTY INFORMATION previously recorded on Reel 035292 Frame 0004. Assignor(s) hereby confirms the RECEIVING PARTY NAME SHOULD BE RECORDED AS TWO PARTIES. |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| INCYTE CORPORATION | 01/07/2015 |

RECEIVING PARTY DATA

| Name: | INCYTE HOLDINGS CORPORATION |
|-----------------|-----------------------------|
| Street Address: | 1801 AUGUSTINE CUT-OFF |
| City: | WILMINGTON |
| State/Country: | DELAWARE |
| Postal Code: | 19803 |
| Name: | INCYTE CORPORATION |
| Street Address: | 1801 AUGUSTINE CUT-OFF |
| City: | WILMINGTON |
| State/Country: | DELAWARE |
| Postal Code: | 19803 |

PROPERTY NUMBERS Total: 119

| Property Type | Number |
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| Application Number: | 61078876 |
| Application Number: | 61150873 |
| Application Number: | 61901689 |
| Application Number: | 12784916 |
| Application Number: | 14250843 |
| Application Number: | 12872925 |
| Application Number: | 13043986 |
| Application Number: | 14289121 |
| Application Number: | 13300094 |
| Application Number: | 13300137 |
| Application Number: | 13526957 |
| Application Number: | 14186338 |
| Application Number: | 13605331 |
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PATENT REEL: 036054 FRAME: 0696

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| Application Number: | 14197701 |
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| Application Number: | 14068796 |
| Application Number: | 61180622 |
| Application Number: | 61225092 |
| Application Number: | 61238794 |
| Application Number: | 61312588 |
| Application Number: | 61415602 |
| Application Number: | 61415705 |
| Application Number: | 61415617 |
| Application Number: | 61498942 |
| Application Number: | 61591094 |
| Application Number: | 61531896 |
| Application Number: | 61525081 |
| Application Number: | 61674694 |
| Application Number: | 61773659 |
| Application Number: | 61648869 |
| Application Number: | 61721308 |
| Application Number: | 61783850 |
| Application Number: | 11313394 |
| Application Number: | 11980314 |
| Application Number: | 13245333 |
| Application Number: | 13889618 |
| Application Number: | 14255092 |
| Application Number: | 13479045 |
| Application Number: | 14032629 |
| Application Number: | 11637545 |
| Application Number: | 12549170 |
| Application Number: | 13076176 |
| Application Number: | 13076220 |
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| Application Number: | 12138082 |
| Application Number: | 13754533 |
| Application Number: | 11961424 |
| Application Number: | 13834040 |

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| Application Number: | 14256383 |
| Application Number: | 14256311 |
| Application Number: | 14270915 |
| Application Number: | 12270135 |
| Application Number: | 12401348 |
| Application Number: | 13315750 |
| Application Number: | 13853475 |
| Application Number: | 12687623 |
| Application Number: | 13761742 |
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| Application Number: | 13761830 |
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| Application Number: | 12901001 |
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| Application Number: | 14499916 |
| Application Number: | 14079901 |
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| Application Number: | 60856872 |
| Application Number: | 60859404 |
| Application Number: | 60876705 |
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| Application Number: | 61102242 |
| Application Number: | 61180582 |
| Application Number: | 61250387 |
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| Application Number: | 14290185 |
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| Application Number: | 13329532 |
| Application Number: | 14005120 |
| Application Number: | 14007061 |
| Application Number: | 13601349 |
| Application Number: | 13854789 |
| Application Number: | 14193481 |
| Application Number: | 61221160 |
| Application Number: | 61259765 |
| Application Number: | 61287893 |
| Application Number: | 61287904 |

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: (617) 542-5070 **Email:** apsi@fr.com

Correspondent Name: CHRISTINE A. GODDARD
Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

PATENT 6054 FRAME: 069

REEL: 036054 FRAME: 0699

| Address Line 4: MINN | MINNEAPOLIS, MINNESOTA 55440-1022 | |
|-------------------------|-----------------------------------|--|
| ATTORNEY DOCKET NUMBER: | 20443-0413001 | |
| NAME OF SUBMITTER: | CHERYL A. FORREST | |
| SIGNATURE: | /Cheryl A. Forrest/ | |
| DATE SIGNED: | 07/02/2015 | |

Total Attachments: 18

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Assignment Page 1 of 6

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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

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| Application Number: | 13300094 |
| Application Number: | 13300137 |
| Application Number: | 13526957 |
| Application Number: | 14186338 |

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| Application Number: | 13605331 |
| Application Number: | 13588776 |
| Application Number: | 14197701 |
| Application Number: | 13896802 |
| Application Number: | 14068796 |
| Application Number: | 61180622 |
| Application Number: | 61225092 |
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| Application Number: | 11313394 |
| Application Number: | 11980314 |
| Application Number: | 13245333 |
| Application Number: | 13889618 |
| Application Number: | 14255092 |
| Application Number: | 13479045 |
| Application Number: | 14032629 |
| Application Number: | 11637545 |
| Application Number: | 12549170 |
| Application Number: | 13076176 |
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| | 13076220 |
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| Application Number: | 14020505 |
| Application Number: | 14033039 |
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| Application Number: | 13754533 |
| Application Number: | 11961424 |
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| Application Number: | 14263476 |
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| | 13030682 |
| Application Number: | 14499916 |
| Application Number: | 14079901 |
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Assignment Page 5 of 6

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| Application Number: | 14193481 |
| Application Number: | 61221160 |
| Application Number: | 61259765 |
| Application Number: | 61287893 |
| Application Number: | 61287904 |

CORRESPONDENCE DATA

 Fax Number:
 (877)769-7945 ∜

 Phone:
 (617) 542-5070 ∜

 Email:
 apsi@fr.com

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provided; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: CHRISTINE A. GODDARD

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

| ATTORNEY DOCKET NUMBER: | 20443-0413001 |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | CHERYL A. FORREST |
| Signature: | /Cheryl A. Forrest/ |
| Date: | 06/16/2015 |

Total Attachments: 12

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Assignment Page 6 of 6

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RECEIPT INFORMATION

EPAS ID: PAT3398971 **Receipt Date:** 06/16/2015

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Assignment") is made this 1st day of January 2015 (the "Effective Date") by Incyte Corporation, a Delaware corporation ("Assignor"), in favor of Incyte Holdings Corporation, a Delaware corporation wholly-owned by Assignor ("Assignee").

WHEREAS, Assignor and Assignee have entered into that certain Contribution Agreement dated of even date herewith (the "Contribution Agreement"), pursuant to which Assignor has assigned to Assignee a seventy percent (70%) interest, with Assignor retaining a thirty percent (30%) interest, in all of Assignor's right, title and interest in and to all United States patent applications and patents owned by Assignor as of the Effective Date including those set forth on Schedule A (collectively, the "Patents and Applications"); and

WHEREAS, Assignor is executing and delivering this Assignment to confirm such assignment to Assignee.

NOW, THEREFORE, in consideration of the Contribution Agreement and other good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, and intending to be legally bound, Assignor and Assignee hereby agree as follows:

- 1. Assignment. Assignor does hereby assign, transfer and deliver to Assignee, and Assignee hereby receives and accepts from Assignor, a seventy percent (70%) interest, with Assignor retaining a thirty percent (30%) interest, in all of Assignor's right, title and interest in and to the Patents and Applications and all rights associated therewith including, without limitation: (a) rights in respect of provisional, non-provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications and United States patents that issue thereon, and any other rights of exclusion; (b) the right to claim priority based on and the benefit of the filing date of any of the Patents and Applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) rights to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Patents and Applications and any other rights assigned by this Assignment.
- 2. <u>Registration</u>. Assignor hereby authorizes and requests the Commissioner of the United States Patent and Trademark Office and the empowered officials of all other governments, and the diverse registrars, commissioners and other official authorities charged with the registration and issuance of patents in the various jurisdictions affected to record Assignee as the owner of the Patents and Applications and to issue to Assignee, in lieu of Assignor, in accordance with this instrument, all future certificates, notices and any other communications and documents bearing on the Patents and Applications.
- 3. <u>Power of Attorney.</u> Assignor hereby constitutes and appoints Assignee and its successors and assigns, as Assignor's true and lawful attorney, with full power of substitution for Assignor, and in its name, place and stead or otherwise, but on behalf of and for the benefit of Assignee

and its successors and assigns, to take all actions and execute all documents on behalf of Assignor necessary to effect the assignment set forth in Section 1, and from time to time to institute and prosecute in Assignee's name or otherwise, but at the direction and expense and for the benefit of Assignee and its successors and assigns, any and all proceedings at law, in equity or otherwise, which Assignee or its successors or assigns may deem proper in order to collect, assert or enforce any claim, right or title of any kind in and to any of the Patents and Applications and to defend and compromise any and all actions, suits and proceedings in respect of any of the Patents and Applications and to do any and all such acts and things in relation thereto as the Assignee or its successors or assigns shall deem advisable, Assignor hereby declaring that the appointment hereby made and the powers hereby granted are coupled with an interest and are and shall be irrevocable by Assignor in any manner or for any reason.

- 4. <u>Further Assurances</u>. Upon the request of the Assignee, or in case for any reason the Power of Attorney set forth in Section 3 is insufficient to effect the assignment set forth in Section 1 or effect any other purpose set forth in Section 3, Assignor agrees for itself and its successors, representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, statements and other lawful documents as Assignee may reasonably request to effectuate fully the assignment contained in Section 1 and the purposes set forth in Section 3.
- 5. <u>Binding Effect and Governing Law.</u> This Assignment is binding on Assignor and its successors and assigns, and will inure to the benefit of Assignee and its successors and assigns, and shall be governed as to its validity, interpretation and effect by the laws of the State of Delaware without giving effect to any conflict or choice of law provision or rule that would cause the application of the laws of any jurisdiction other than the State of Delaware.
- 6. <u>Counterparts; Amendment</u>. This Assignment may be executed in two (2) or more counterparts, each of which shall constitute an original, but all of which taken together shall constitute one and the same instrument. The reproduction of signatures by means of facsimile device shall be treated as though such reproductions are executed originals. This Assignment cannot be amended without a writing signed by each of Assignor and Assignee.

[Signature Page Follows]

Assignor: **INCYTE CORPORATION** Name: David W. GARAGE Title: Executive Via President and Chief Firancial Officer State of Delaware County of New Costle This instrument was acknowledged before me on January (Title and Rank) (My commission expires; SUZANNE C STECZAK My Commission Expires February 19, 2016

IN WITNESS WHEREOF, Assignor has caused its duly authorized representative

to execute and deliver this Patent Assignment.

[Signature Page to US Patent Assignment]

The Assignee hereby acknowledges and accepts the foregoing assignment.

| Assignee: INCYTE HOLDINGS CORPORATIO | Assignee: | INCYTE | HOLDINGS | CORPOR | ATION |
|--------------------------------------|-----------|--------|----------|--------|-------|
|--------------------------------------|-----------|--------|----------|--------|-------|

| Signature: _ | | Date: 1/7/2015 |
|--------------|--------------------|----------------|
| Name: | Lavrent Chardonnet | |
| Title: | Transmer | |

| State of Delaunre |
|-------------------|
|-------------------|

County of New Castle

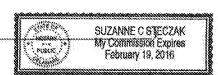
This instrument was acknowledged before me on <u>January 7, 2015</u>

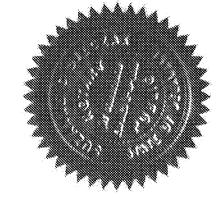
by Laurent Chardonnet

(Signature of Notarial Officer)

Notary Public (Title and Rank)

(My commission expires;



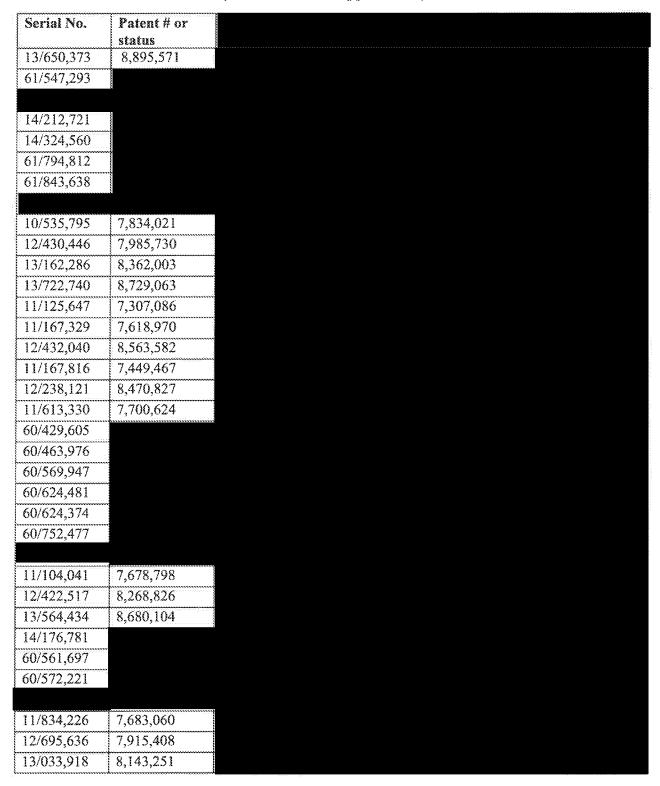


[Signature Page to US Patent Assignment]

Schedule A

31 Dec 2014

(US Patents and Applications)



Page 1 of 8

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Page 2 of 8

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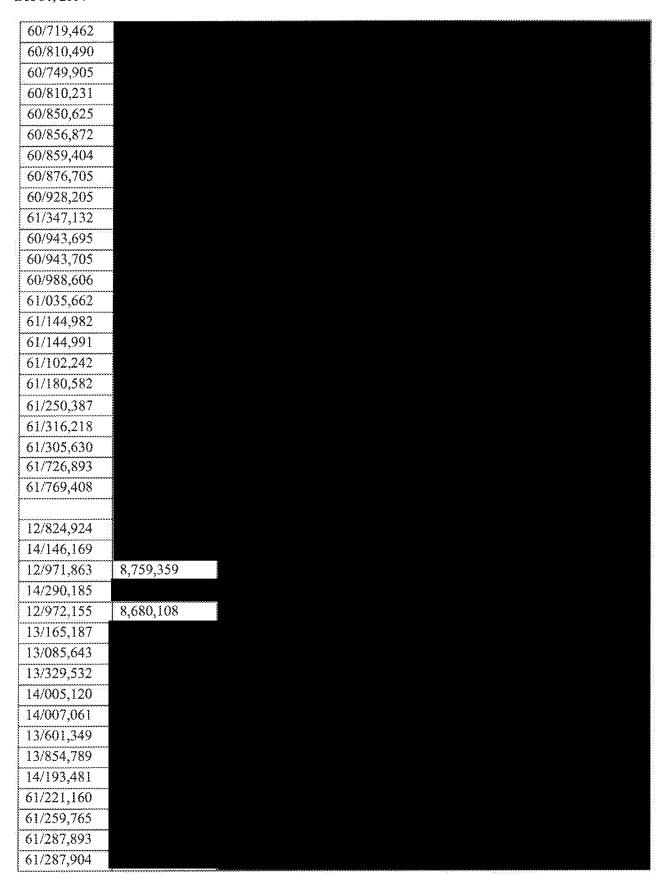
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| 12/784,916 8,716,303 14/250,843 13/043,986 8,765,734 14/289,121 13/300,094 13/300,137 14/186,338 13/605,331 13/588,776 14/197,701 13/896,802 14/068,796 61/180,622 61/238,794 61/312,588 61/415,602 61/415,602 61/415,602 61/415,602 61/415,603 61/45,9942 61/531,896 61/531,896 61/531,896 61/531,896 61/531,896 61/531,896 61/531,896 61/73,659 61/748,694 61/73,659 61/748,694 61/73,659 61/748,869 61/721,308 61/783,850 | 61/150,873 | | | | |
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