

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6669722

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
FABRICE BRUNO CHRETIEN	07/11/2018
RAPHAEL GAILLARD	06/07/2018
PIERRE ROCHETEAU	06/26/2018

**RECEIVING PARTY DATA**

<b>Name:</b>	INSTITUT PASTEUR
<b>Street Address:</b>	25-28 RUE DU DR. ROUX
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<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	75015
<b>Name:</b>	UNIVERSITE PARIS DESCARTES
<b>Street Address:</b>	12, RUE DE L'ECOLE DE MEDECINE
<b>City:</b>	PARIS
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	75006
<b>Name:</b>	CENTRE HOSPITALIER SAINTE ANNE PARIS
<b>Street Address:</b>	1 RUE CABANIS
<b>City:</b>	PARIS
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	75674

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	15776769

**CORRESPONDENCE DATA****Fax Number:**

*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:** scott.lee@arrigo.us**Correspondent Name:** ARRIGO, LEE, GUTTMAN & MOUTA-BELLUM LLP**Address Line 1:** 2200 PENNSYLVANIA AVE NW**Address Line 2:** STE 4E**PATENT**

**Address Line 4:** WASHINGTON, D.C. 20037-1748

**ATTORNEY DOCKET NUMBER:** DI 2015-49

**NAME OF SUBMITTER:** SCOTT M. K. LEE

**SIGNATURE:** /Scott M. K. Lee/

**DATE SIGNED:** 04/22/2021

**Total Attachments: 6**

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**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as Assignor(s)) have made an invention entitled:

**5-HYDROXYTRYPTAMINE 1B RECEPTOR-STIMULATING AGENT FOR ENHANCING IN VIVO ENGRAFTMENT POTENTIAL**

for which I/we filed or authorized the filing of United States Provisional Application No. 62/257,816 on November 20, 2015, and International Application No. PCT/EP2016/066965 on July 15, 2016, the EP application 16305446.3, filed April 15, 2016, and the United States national stage of the PCT application (United States Application No. 15/776,769), filed May 16, 2018;

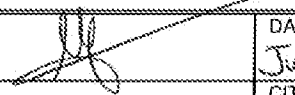
WHEREAS, INSTITUT PASTEUR, of FRANCE whose post office address is 25-28, rue du Docteur Roux F-75015 Paris (FR); UNIVERSITE PARIS DESCARTES, of FRANCE whose post office address is 12, rue de l'École de Médecine 75006 Paris (FR); CENTRE HOSPITALIER SAINTE-ANNE PARIS, of FRANCE whose post office address is 1 rue Cabanis Paris 14 75674 Paris Cedex 14 (FR); (hereinafter referred to as Assignee(s)), is/are desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the patent applications listed above on this invention and the Letters Patents to be issued upon those applications;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from the Assignee(s) is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee(s), its/their lawful successors and assigns, my/our entire right, title, and interest in and to this invention, and United States Provisional Application No. No. 62/257,816 on November 20, 2015, and the EP application 16305446.3, filed April 15, 2016, and International Application No. PCT/EP2016/066965, filed on July 15, 2016, and the United States national stage of the PCT application (United States Application No. 15/776,769), and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of these applications, and all applications for Letters Patent which may hereafter be filed for this invention in any country and all Letters Patent which may be granted on this invention in any country, 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 other country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to the Assignee(s), its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with the Assignee(s), its/their successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee(s), its/their successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid the Assignee(s), its/their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any other country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee(s), its/their successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set my/our hands.

1. FULL NAME OF FIRST ASSIGNOR Fabrice Bruno CHRETIEN	ASSIGNOR'S SIGNATURE 	DATE July 11, 2018
ADDRESS 33, rue de la Bienfaisance 75008 Paris (FR)		CITIZENSHIP FR
2. FULL NAME OF SECOND ASSIGNOR Raphaël GAILLARD	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 149-151 rue Léon Maurice Nordmann 75013 Paris (FR)		CITIZENSHIP FR

3. FULL NAME OF THIRD ASSIGNOR Pierre ROCHETEAU	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 63, rue Didot 75014 Paris (FR)		CITIZENSHIP FR

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as Assignor(s)) have made an invention entitled:

**5-HYDROXYTRYPTAMINE 1B RECEPTOR-STIMULATING AGENT FOR ENHANCING IN VIVO ENGRAFTMENT POTENTIAL**

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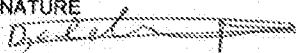
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AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with the Assignee(s), its/their successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee(s), its/their successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid the Assignee(s), its/their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any other country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee(s), its/their successors and assigns.

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1. FULL NAME OF FIRST ASSIGNOR Fabrice Bruno CHRETIEN	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 33, rue de la Bienfaisance 75008 Paris (FR)		CITIZENSHIP FR
2. FULL NAME OF SECOND ASSIGNOR Raphaël GAILLARD	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 149-151 rue Léon Maurice Nordmann 75013 Paris (FR)		CITIZENSHIP FR

3. FULL NAME OF THIRD ASSIGNOR Pierre ROCNETEAU	ASSIGNOR'S SIGNATURE 	DATE June 26, 2018
ADDRESS 83, rue Didot 75014 Paris (FR)		CITIZENSHIP FR

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as Assignor(s)) have made an invention entitled:

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NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from the Assignee(s) is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee(s), its/their lawful successors and assigns, my/our entire right, title, and interest in and to this invention, and United States Provisional Application No. No. 62/257,816 on November 20, 2015, and the EP application 16305446.3, filed April 15, 2016, and International Application No. PCT/EP2016/066965, filed on July 15, 2016, and the United States national stage of the PCT application (United States Application No. 15/776,769), and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of these applications, and all applications for Letters Patent which may hereafter be filed for this invention in any country and all Letters Patent which may be granted on this invention in any country, 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 other country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to the Assignee(s), its/their successors and assigns, in accordance with the terms of this Assignment;

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ADDRESS 33, rue de la Bienfaisance 75008 Paris (FR)		CITIZENSHIP FR
2. FULL NAME OF SECOND ASSIGNOR Raphaël GAILLARD	ASSIGNOR'S SIGNATURE	DATE 06/07/2018
ADDRESS 3, rue de la Santé 75013 Paris (FR)		CITIZENSHIP FR CH

AG

3 FULL NAME OF THIRD ASSIGNOR <b>Pierre ROCHETEAU</b>	ASSIGNOR'S SIGNATURE	DATE
ADDRESS <b>63, rue Didot 75014 Paris (FR)</b>		CITIZENSHIP <b>FR</b>