

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4439721

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NICOLAS FAZILLEAU	02/16/2016
HERVE BACHELEZ	02/17/2016
MARIE-LISE GOUGEON	03/16/2016
MANUELLE VIGUIER	03/30/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INSTITUT PASTEUR
<b>Street Address:</b>	25-28, RUE DU DOCTEUR ROUX
<b>City:</b>	PARIS
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	F-75015
<b>Name:</b>	INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)
<b>Street Address:</b>	101, RUE DE TOLBIAC
<b>City:</b>	PARIS
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	F-75013
<b>Name:</b>	UNIVERSITE PARIS DIDEROT PARIS 7
<b>Street Address:</b>	5, RUE THOMAS MANN
<b>City:</b>	PARIS
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	F-75013
<b>Name:</b>	ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS
<b>Street Address:</b>	3, AVENUE VICTORIA
<b>City:</b>	PARIS
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	F-75004
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
PCT Number:	EP2014067131

**CORRESPONDENCE DATA****Fax Number:** (202)688-2790*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:** 2025075889**Email:** sal@arrigo.us**Correspondent Name:** SALVATORE J. ARRIGO**Address Line 1:** 2200 PENNSYLVANIA AVE NW**Address Line 2:** 4TH FLOOR EAST**Address Line 4:** WASHINGTON, D.C. 20037

<b>ATTORNEY DOCKET NUMBER:</b>	DII2013-34-B
<b>NAME OF SUBMITTER:</b>	SALVATORE J. ARRIGO
<b>SIGNATURE:</b>	/Salvatore J. Arrigo/
<b>DATE SIGNED:</b>	06/01/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 8**

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**ASSIGNMENT**

WHEREAS We, the below named inventors (hereinafter referred to as Assignors) have made an invention entitled:

**CORRELATION OF DISEASE ACTIVITY WITH CLONAL EXPANSIONS OF HUMAN PAPILLOMAVIRUS 16-SPECIFIC CD8+ T-CELLS IN PATIENTS WITH SEVERE EROSIIVE ORAL LICHEN PLANUS**

for which we filed or authorized the filing of US Patent Application No. 61/863,453 on August 08, 2013, and International Application No. PCT/EP2014/067131 on August 08, 2014, and the United States national stage of the PCT application;

WHEREAS, INSTITUT PASTEUR, of FRANCE whose post office address is 25-28, rue du Docteur Roux, F-75015 PARIS - FRANCE, INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), of FRANCE whose post office address is 101, rue de Tolbiac, F-75013 PARIS - FRANCE, UNIVERSITE PARIS DIDEROT PARIS 7 of FRANCE whose post office address is 5, rue Thomas Mann, F-75013 PARIS - FRANCE and, ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS whose post office address is 3, avenue Victoria, F-75004 PARIS - FRANCE (hereinafter referred to as Assignee), 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;

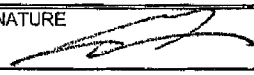
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from the Assignee(s) is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee(s), its lawful successors and assigns, our entire right, title, and interest in and to this invention, and US Patent Application No. 61/863,453, filed August 08, 2013, and International Application No. PCT/EP2014/067131, filed August 08, 2014, and the United States national stage of the PCT application, 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 successors and assigns, in accordance with the terms of this Assignment;

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

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with the Assignee(s), its successors and assigns, any facts known to 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 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 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, its successors and assigns.

We hereby authorize and request our attorney, Scott M. K. Lee, of Law Office of Salvatore Arrigo and Scott Lee, LLP, 1050 Connecticut Ave. NW, 10th floor, Washington, DC, 20036, to insert here in parentheses (Application number \_\_\_\_\_) the application number of the U.S. national stage application when known.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. FULL NAME OF FIRST ASSIGNOR <b>Marie-Lise GOUGEON</b>	ASSIGNOR'S SIGNATURE	DATE
ADDRESS <b>54 rue Pierre Vermeir, F-92160 ANTONY - FRANCE</b>		CITIZENSHIP <b>French</b>
2. FULL NAME OF SECOND ASSIGNOR <b>Manuelle VIGUIER</b>	ASSIGNOR'S SIGNATURE	DATE
ADDRESS <b>130 Boulevard Richard Lenoir, F-75011 PARIS - FRANCE</b>		CITIZENSHIP <b>French</b>
3. FULL NAME OF SECOND ASSIGNOR <b>Hervé BACHELEZ</b>	ASSIGNOR'S SIGNATURE 	DATE <b>17 February 2016</b>
ADDRESS <b>99 rue du Cherche-Midi, F-75006 PARIS - FRANCE</b>		CITIZENSHIP <b>French</b>
4. FULL NAME OF SECOND ASSIGNOR <b>Nicolas FAZILLEAU</b>	ASSIGNOR'S SIGNATURE	DATE
ADDRESS <b>2 avenue de Sainte Germaine, F-31880 LA SALVETAT SAINT GILLES - FRANCE</b>		CITIZENSHIP <b>French</b>

**ASSIGNMENT**

WHEREAS We, the below named inventors (hereinafter referred to as Assignors) have made an invention entitled:

**CORRELATION OF DISEASE ACTIVITY WITH CLONAL EXPANSIONS OF HUMAN PAPILLOMAVIRUS 16-SPECIFIC CD8+ T-CELLS IN PATIENTS WITH SEVERE EROSIIVE ORAL LICHEN PLANUS**

for which we filed or authorized the filing of US Patent Application No. 61/863,453 on August 08, 2013, and International Application No. PCT/EP2014/067131 on August 08, 2014, and the United States national stage of the PCT application;

WHEREAS, INSTITUT PASTEUR, of FRANCE whose post office address is 25-28, rue du Docteur Roux, F-75015 PARIS - FRANCE, INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), of FRANCE whose post office address is 101, rue de Tolbiac, F-75013 PARIS - FRANCE, UNIVERSITE PARIS DIDEROT PARIS 7 of FRANCE whose post office address is 5, rue Thomas Mann, F-75013 PARIS - FRANCE and, ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS whose post office address is 3, avenue Victoria, F-75004 PARIS - FRANCE (hereinafter referred to as Assignee), 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, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee(s), its lawful successors and assigns, our entire right, title, and interest in and to this invention, and US Patent Application No. 61/863,453, filed August 08, 2013, and International Application No. PCT/EP2014/067131, filed August 08, 2014, and the United States national stage of the PCT application, 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 successors and assigns, in accordance with the terms of this Assignment;

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

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with the Assignee(s), its successors and assigns, any facts known to 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 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 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, its successors and assigns.

We hereby authorize and request our attorney, Scott M. K. Lee, of Law Office of Salvatore Arrigo and Scott Lee, LLP, 1050 Connecticut Ave. NW, 10th floor, Washington, DC, 20036, to insert here in parentheses (Application number 14/910,612) the application number of the U.S. national stage application when known.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. FULL NAME OF FIRST ASSIGNOR <b>Marie-Lise GOUGEON</b>	ASSIGNOR'S SIGNATURE	DATE
ADDRESS <b>54 rue Pierre Vermeir, F-92160 ANTONY - FRANCE</b>		CITIZENSHIP <b>French</b>
2. FULL NAME OF SECOND ASSIGNOR <b>Manuelle VIGUIER</b>	ASSIGNOR'S SIGNATURE 	DATE <b>20.03.2016</b>
ADDRESS <b>130 Boulevard Richard Lenoir, F-75011 PARIS - FRANCE</b>		CITIZENSHIP <b>French</b>
3. FULL NAME OF SECOND ASSIGNOR <b>Hervé BACHELEZ</b>	ASSIGNOR'S SIGNATURE	DATE
ADDRESS <b>99 rue du Cherche-Midi, F-75006 PARIS - FRANCE</b>		CITIZENSHIP <b>French</b>
4. FULL NAME OF SECOND ASSIGNOR <b>Nicolas FAZILLEAU</b>	ASSIGNOR'S SIGNATURE	DATE
ADDRESS <b>2 avenue de Sainte Germaine, F-31880 LA SALVETAT SAINT GILLES - FRANCE</b>		CITIZENSHIP <b>French</b>

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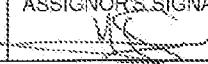
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from the Assignee(s) is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee(s), its lawful successors and assigns, our entire right, title, and interest in and to this invention, and US Patent Application No. 61/863,453, filed August 08, 2013, and International Application No. PCT/EP2014/067131, filed August 08, 2014, and the United States national stage of the PCT application, 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 successors and assigns, in accordance with the terms of this Assignment;

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IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. FULL NAME OF FIRST ASSIGNOR <b>Marie-Lise GOUGEON</b>	ASSIGNOR'S SIGNATURE 	DATE <i>March 16, 2016</i>
ADDRESS <b>54 rue Pierre Vermeir, F-92160 ANTONY - FRANCE</b>		CITIZENSHIP <b>French</b>
2. FULL NAME OF SECOND ASSIGNOR <b>Manuelle VIGUIER</b>	ASSIGNOR'S SIGNATURE	DATE
ADDRESS <b>130 Boulevard Richard Lenoir, F-75011 PARIS - FRANCE</b>		CITIZENSHIP <b>French</b>
3. FULL NAME OF SECOND ASSIGNOR <b>Hervé BACHELEZ</b>	ASSIGNOR'S SIGNATURE	DATE
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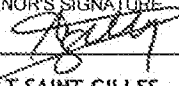
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ADDRESS 54 rue Pierre Vermeir, F-92160 ANTONY - FRANCE		CITIZENSHIP French
2. FULL NAME OF SECOND ASSIGNOR Manuelle VIGUIER	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 130 Boulevard Richard Lenoir, F-75011 PARIS - FRANCE		CITIZENSHIP French
3. FULL NAME OF SECOND ASSIGNOR Hervé BACHELEZ	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 99 rue du Cherche-Midi, F-75006 PARIS - FRANCE		CITIZENSHIP French
4. FULL NAME OF SECOND ASSIGNOR Nicolas FAZILLEAU	ASSIGNOR'S SIGNATURE 	DATE 2/16/2016
ADDRESS 2 avenue de Sainte Germaine, F-31880 LA SALVETAT SAINT GILLES - FRANCE		CITIZENSHIP French