

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4108063

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the OMISSION OF CONVEYING PARTY AND RECEIVING PARTY DATA previously recorded on Reel 040047 Frame 0958. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DOMINIQUE POTIN	10/10/2016
MARTINE BARTH	10/10/2016
JEROME AMAUDRUT	10/10/2016
OLIVIA POUPARDIN	10/10/2016
LAURENT MOUNIER	10/10/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INVENTIVA SA
<b>Street Address:</b>	50 RUE DE DIJON
<b>City:</b>	21121 DAIX
<b>State/Country:</b>	FRANCE
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15176309
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(508)688-8110
<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>	
<b>Phone:</b>	5086888028
<b>Email:</b>	benita.grantt@abbvie.com
<b>Correspondent Name:</b>	BENITA A GRANTT
<b>Address Line 1:</b>	100 RESEARCH DRIVE
<b>Address Line 4:</b>	WORCESTER, MASSACHUSETTS 01605
<b>ATTORNEY DOCKET NUMBER:</b>	ABV12193USO1/ABV12193WOO2
<b>NAME OF SUBMITTER:</b>	GAYLE O'BRIEN
<b>SIGNATURE:</b>	/s/ Gayle O'Brien
<b>DATE SIGNED:</b>	10/21/2016
<b>Total Attachments: 7</b>	
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Inventiva)#page1.tif

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Client Ref. No. ABV12193USO1/  
ABV12193WOO2

Docket No.: 117813-71703/  
117813-71719

### ASSIGNMENT

I/We,

- (1) Dominique Potin,
- (2) Martine Barth,
- (3) Jérôme Amaudrut,
- (4) Olivia Poupardin, and
- (5) Laurent Mounier

residing, respectively, at

- (1) 23 Chemin de Daix, Talant, FR 21240;
- (2) 20 rue Claude deschault, Asnières les Dijon, FR 21380;
- (3) 30 boulevard Rembrandt, Dijon, FR 21000;
- (4) 11 promenade du fort, Varois et Chaignot, FR 21490; and
- (5) 3 Route de Savigny, Marsannay le Bois, FR 21380

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to and do hereby assign, sell and transfer to Inventiva SA, a corporation organized and existing under the laws of France and having an office and a place of business at 50 rue de Dijon, 21121 Daix, France, its successors and assigns:

1) the entire right, title and interest in the United States and in all countries throughout the world in and to any and all my/our inventions and discoveries disclosed in United States Provisional Patent Application Ser. No. 15/176,309, filed on June 8, 2016 (Atty. Docket No. 117813-71703, Client Reference No. ABV12193USO1), entitled: "NUCLEAR RECEPTOR MODULATORS," and in International Patent Application No. PCT/US2016/036283, filed on June 8, 2016 (Atty. Docket No. 117813-71719, and Client Reference No. ABV12193WOO2, entitled: "NUCLEAR RECEPTOR MODULATORS," including any renewals, revivals, reissues, reexaminations, extensions, continuations, continuation-in-parts, national stage entries, and divisions thereof, and any substitute applications therefor; I/we further authorize Inventiva SA, its assigns or representatives or agents thereof, the power to insert on this assignment any further identification, including the Application Number and filing date, which may be necessary or desirable to further identify the foregoing applications;

2) the full and complete right to file patent applications in the name of Inventiva SA, its designee, or in my/our name(s) at the election of Inventiva SA or its designee, on the aforesaid inventions, discoveries and applications in all countries of the world;

3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any other country of the world and any renewals, revivals, reissues, continuations, divisions, reexaminations and extensions of the same; and

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4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I/We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to Inventiva SA as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I/We further agree, at any time, upon the request of Inventiva SA, to execute and to deliver to Inventiva SA any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, continuations-in-part, national-stage entries, renewals, revivals, reissues, reexaminations and extensions thereof.


I/We further agree at any time to execute and to deliver upon request to Inventiva SA such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of Inventiva SA under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

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ABV12193W002

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ASSIGNORS:

(1)  Dominique Potin

ACKNOWLEDGEMENT:

On this 10 day of October, 2016, Dominique Potin personally appeared before me, executed the foregoing Assignment, and duly acknowledged to me that such Assignment was executed by his/her free act and deed for the uses and purposes therein expressed.

  
Witness signature  
David BROANA  
Witness name (please print)

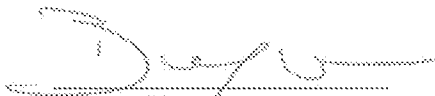
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ABV12193WGO2

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(2)   
Martine Barth

**ACKNOWLEDGEMENT:**

On this 19 day of October, 2016, Martine Barth personally appeared before me, executed the foregoing Assignment, and duly acknowledged to me that such Assignment was executed by his/her free act and deed for the uses and purposes therein expressed.

  
Witness signature

Ricard BROQUA  
Witness name (please print)

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(3)   
Jérôme Amaudrut

**ACKNOWLEDGEMENT:**

On this 10 day of October, 2016, Jérôme Amaudrut personally appeared before me, executed the foregoing Assignment, and duly acknowledged to me that such Assignment was executed by his/her free act and deed for the uses and purposes therein expressed.

  
Witness signature  
Pierre BROQUA  
Witness name (please print)

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ABV12193WOO2

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(4) P/LL  
Olivia Poupardin

ACKNOWLEDGEMENT:

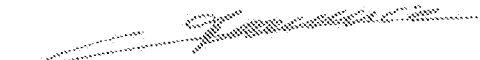
On this 10 day of October, 2016, Olivia Poupardin personally appeared before me, executed the foregoing Assignment, and duly acknowledged to me that such Assignment was executed by his/her free act and deed for the uses and purposes therein expressed.

[Signature]  
Witness signature

Pierre Poupardin  
Witness name (please print)

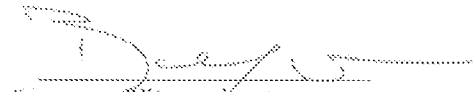
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(S)   
Laurent Mounier

ACKNOWLEDGEMENT:

On this 10 day of October, 2016, Laurent Mounier personally appeared before me, executed the foregoing Assignment, and duly acknowledged to me that such Assignment was executed by his/her free act and deed for the uses and purposes therein expressed.

  
Witness signature

Zienn Bloona  
Witness name (please print)