

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michelle Bradley</td> <td>11/21/2011</td> </tr> <tr> <td>Zarin Brown</td> <td>11/22/2011</td> </tr> <tr> <td>Steven John Charlton</td> <td>11/21/2011</td> </tr> <tr> <td>Gino Van Heeke</td> <td>11/21/2011</td> </tr> </tbody> </table>		Name	Execution Date	Michelle Bradley	11/21/2011	Zarin Brown	11/22/2011	Steven John Charlton	11/21/2011	Gino Van Heeke	11/21/2011
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Steven John Charlton	11/21/2011										
Gino Van Heeke	11/21/2011										
<b>RECEIVING PARTY DATA</b>											
Name:	Novartis Pharmaceuticals UK Limited										
Street Address:	Wimblehurst Road										
City:	Horsham, West Sussex										
State/Country:	UNITED KINGDOM										
Postal Code:	RH12 5AB										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13290175</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13290175						
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Application Number:	13290175										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(617)871-3392										
Phone:	6178713040										
Email:	pip_inbox.phchbs@novartis.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Karen Lacourse										
Address Line 1:	Novartis NIBR										
Address Line 2:	220 Massachusetts Avenue										
Address Line 4:	Cambridge, MASSACHUSETTS 02139										
ATTORNEY DOCKET NUMBER:	PAT054087-US-NP										
NAME OF SUBMITTER:	Susan M. Dillon										

CH \$40.00 13290175

**Total Attachments: 6**

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(joint)

Patent Case PAT054087

### ASSIGNMENT

For good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we

Michelle BRADLEY	citizen of United Kingdom	Novartis Pharmaceuticals UK Limited Wimblehurst Road Horsham, West Sussex RH12 5AB GB
Zarin BROWN	citizen of United Kingdom	Novartis Pharmaceuticals UK Limited Wimblehurst Road Horsham, West Sussex RH12 5AB GB
Steven John CHARLTON	citizen of United Kingdom	Novartis Pharmaceuticals UK Limited Wimblehurst Road Horsham, West Sussex RH12 5AB GB
Gino VAN HEEKE	citizen of Belgium	Novartis Pharmaceuticals UK Limited Wimblehurst Road Horsham, West Sussex RH12 5AB GB

do hereby sell, assign and transfer to Novartis Pharmaceuticals UK Limited, a company organized under the laws of the Great Britain, of Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain, (hereinafter referred to as the "**ASSIGNEE**") and its successors, assigns and legal representatives, all of my right, title and interest for all countries of the world in and to (1) all of my inventions and discoveries described in the patent application(s) titled

#### **Chemokine receptor binding polypeptides**

and filed in the United States Patent and Trademark Office on \_\_\_\_\_, 20\_\_ and accorded Application Number \_\_\_\_\_\* and/or filed in the RO/\_\_\_\_\_ on \_\_\_\_\_, 20\_\_ and accorded International Patent Application Number PCT/\_\_\_\_\_, (2) the patent application(s) identified in (1), (3) all national stages of any international patent application identified in (1), (4) all other patent applications in all countries and regions claiming the priority of the provisional or non-provisional patent application filed in the United States Patent and Trademark Office on 08 November 2010 and accorded Application Number 61/411,083, (5) for all patent applications, all rights of priority based upon the United States patent application identified in (4) in all countries and regions under the Paris Convention for the Protection of Industrial Property, the Inter-American Convention relating to Inventions, Patents, Designs, and Industrial Models and all other international agreements to which the United States now is or hereafter becomes a signatory and, if the United States patent application identified in (4) is a provisional patent application, under 35 USC 119(e) (including the right to file patent applications on said inventions and discoveries in the names of **ASSIGNEE** or their designees or in our names, at their election and in accordance with applicable law in all countries and regions), (6) all continuations and divisions of any United States patent application or international patent application designating the United States identified in (1), any national stages of any international application identified in (1) and any patent applications within the scope of (4) (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(4) and (6) hereinafter referred to collectively as "patent applications"), (7) all patents that are granted on any of said patent applications, (8) all registrations and confirmations of, and importation certificates based upon, one or more of said patents and applications for



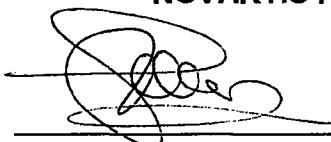




**ACCEPTANCE OF ASSIGNMENT**

With reference to the Assignment to **NOVARTIS Pharmaceuticals UK Limited** of an invention entitled "**Chemokine receptor binding polypeptides**" signed by Michelle BRADLEY, Zarin BROWN, Steven John CHARLTON and Gino VAN HEEKE; this will certify that **NOVARTIS Pharmaceuticals UK Limited** accepts such Assignment.

**NOVARTIS Pharmaceuticals UK Limited**

By:   
\_\_\_\_\_

Name: **Sabine Zeller**  
Authorized signatory

Function: \_\_\_\_\_

Date: 05 DECEMBER 2014

  
\_\_\_\_\_

**Ella Rutschmann**  
Authorized signatory

\_\_\_\_\_

## ATTESTATION

I, the undersigned Civil Law Notary in Basel, Switzerland, Dr. Matthias Staehelin, certify herewith that the signatures attached heretofore are the genuine signatures of **Ms. Michelle Bradley**, born on April 14 (fourteenth) 1977 (nineteen hundred seventy seven), citizen of the United Kingdom, with business address in Horsham, West Sussex, United Kingdom; of **Ms. Zarin Brown**, born on February 24 (twenty-fourth) 1952 (nineteen hundred fifty two), citizen of the United Kingdom, with business address in Horsham, West Sussex, United Kingdom; of **Mr. Seven John Charlton**, born on May 11 (eleventh) 1972 (nineteen hundred seventy two), citizen of the United Kingdom, with business address in Horsham, West Sussex, United Kingdom; and of **Mr. Gino Van Heek**, born on March 6 (sixth) 1960 (nineteen hundred sixty), citizen of Belgium, with business address in Horsham, West Sussex, United Kingdom.

Further I certify herewith that the signatures attached heretofore are the genuine signatures of **Ms. Sabine Zeller**, citizen of Ormalingen, Switzerland, residing in Gelterkinden, Switzerland, and of **Ms. Ella Rutschmann**, citizen of Lotzwil, Switzerland, residing in Basel, Switzerland, both acting for **Novartis Pharmaceuticals UK Limited**, in, Frimley, Camberley, Surrey, United Kingdom, both as proxy holders and both with single signatures.

The authenticity of the signatures was established by means of comparison.

BASEL, Switzerland, this 12<sup>th</sup> (twelfth) day of December 2011 (two thousand and eleven)

M. Staehelin, Notar

Dr. M. Staehelin  
Notar

Leg.Prot.Nr. 2570/2011

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