## 503274134 04/22/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3320752

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
JOERG HABERMANN	02/24/2014
UWE KOCH	02/24/2014
FRANK NARJES	02/26/2014

### **RECEIVING PARTY DATA**

Name:	MSD ITALIA S.R.L.
Street Address:	151 VIA VITORCHIANO
City:	ROME
State/Country:	ITALY
Postal Code:	00189

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14343462

### **CORRESPONDENCE DATA**

**Fax Number:** (732)594-4720

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: 732-594-5312

Email: us\_efs@merck.com

Correspondent Name: MERCK & CO., INC.

**Address Line 1:** P.O. BOX 2000 - PATENT DEPT.

Address Line 2: RY86-2011A

Address Line 4: RAHWAY, NEW JERSEY 07065

ATTORNEY DOCKET NUMBER: 23114

NAME OF SUBMITTER: KATHLEEN A. REYNOLDS

SIGNATURE: /Katheen A. Reynolds/

DATE SIGNED: 04/22/2015

### **Total Attachments: 6**

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PATENT 503274134 REEL: 035466 FRAME: 0161

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Attorney Docket No.: 23114

#### WORLDWIDE ASSIGNMENT

### WHEREAS, I/WE,

- (1) Joerg Habermann, located at München, Germany,
- (2) Uwe Koche located at Dortmund, Germany, and
- (3) Frank Narjes, located at Lomma, Sweden (hereinafter ASSIGNOR(S)), together with
- (4) Casey Cameron McComas located at Pheonixville, Pennsylvania USA,
- (5) Nigel J. Liverton located at Harlevsville. Pennsylvania USA.
- (6) Anandan Palani located at Bridgewater, New Jersey USA,
- (7) Xing Dai located at Cranford, New Jersey, USA,
- (8) Hong Liu located at Hillsborough, New Jersey, USA,
- (9) Shuwen He located at Edison, New Jersey USA,
- (10) Qung Dang located at Westfield, New Jersey
- (11) Peng Li located at Shanghai 200131, CHINA,
- (12) Xuanjia Peng located at Shanghai 200131, CHINA,
- (13) Richard Soll located at Shanghai 200131, CHINA, and
- (14) Hao Wu located at Shanghai 200131, CHINA

are the inventors of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

# SUBSTITUTED BENZOFURAN COMPOUNDS AND METHODS OF USE THEREOF FOR THE TREATMENT OF VIRAL DISEASES

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anu/or	111 1116	HOHOWING	application	151.

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, MSD Italia S.r.l., a legal corporation organized under the laws of Italy, having an office at 151 Via Vitorchiano, 00189 Rome (RM), ITALY, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said ASSIGNEE my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of ASSIGNEE, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of ASSIGNEE, without further compensation or charge to said ASSIGNEE, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of ASSIGNEE, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize **ASSIGNEE** to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

Computer Generated Template "Assignment-Blank Multiple Assignees Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this 24th day of February , 20/4. On this 24th day of 126704ry , 2014, personally appeared before me Joerg Habermann to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth. Executed this \_\_\_\_ day of \_\_\_\_\_\_, 20 **Uwe Koche** On this \_\_\_\_\_ day of \_\_\_\_\_\_, 2014, personally appeared before me **Uwe Koche** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that On this \_\_\_\_ day of \_\_\_\_ he (she) executed the same, of his (her) own free will for the purpose set forth. Witness Witness Executed this \_\_\_\_\_ day of \_\_\_\_\_\_, 20\_\_\_\_ Frank Naries , 2014, personally appeared before me Frank Narjes to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth. Witness

This document may be executed in any number of counterparts, each of which so executed shall be deemed to

be an original, but all such components shall together constitute but one and the same document.

Witness

Attorney Docket No.: 23114

### WORLDWIDE ASSIGNMENT

### WHEREAS, I/WE,

- (1) Joerg Habermann, located at München, Germany,
  - (2) Uwe Koch**∉**located at Dortmund, Germany, and
  - (3) Frank Names, located at Lomma, Sweden (hereinafter ASSIGNOR(S)), together with
  - (4) Casey Cameron McComas located at Pheonixville, Pennsylvania USA,
  - (5) Nigel J. Liverton located at Harleysville, Pennsylvania USA.
  - (6) Anandan Palani located at Bridgewater, New Jersey USA.
  - (7) Xing Dai located at Cranford, New Jersey, USA,
  - (8) Hong Liu located at Hillsborough, New Jersey, USA,
  - (9) Shuwen He located at Edison, New Jersey USA,
  - (10) Qung Dang located at Westfield, New Jersey
  - (11) Peng Li located at Shanghai 200131, CHINA,
  - (12) Xuanjia Peng located at Shanghai 200131, CHINA,
  - (13) Richard Soll located at Shanghai 200131, CHINA, and
  - (14) Hao Wu located at Shanghai 200131, CHINA

are the inventors of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

# SUBSTITUTED BENZOFURAN COMPOUNDS AND METHODS OF USE THEREOF FOR THE TREATMENT OF VIRAL DISEASES

and/or in the following application(s):			
US. Provisional Application No.	filed on	; and	
U.S. Application No. <u>14/343.462</u>	having a filing date of	3/7/14 ; and	
PCT International Application No. PCT	/CN2011/079463 filed on Se	eptember 8, 2011; and	
PCT International Application No. PCT			012.

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, MSD Italia S.r.l., a legal corporation organized under the laws of Italy, having an office at 151 Via Vitorchiano, 00189 Rome (RM), ITALY, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said ASSIGNEE my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of ASSIGNEE, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of ASSIGNEE, without further compensation or charge to said ASSIGNEE, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of ASSIGNEE, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize **ASSIGNEE** to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

Computer Generated Template "Assignment-Blank Multiple Assignees Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

### Worldwide Assignment

be an original, but all such components shall together constitute but one and the same document. Executed this \_\_\_\_\_ day of \_\_\_\_\_\_, 20\_\_\_ Joerg Habermann On this \_\_\_\_\_ day of \_\_\_\_\_\_, 2014, personally appeared before me **Joerg Habermann** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth. Witness Witness On this  $\frac{24}{\text{day of }}$  day of  $\frac{\text{Fe} \text{ brucky}}{\text{personally appeared before me Uwe Koche to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that$ he (she) executed the same, of his (her) own free will for the purpose set forth. Witness Executed this \_\_\_\_ day of \_\_\_\_\_ , 20\_\_\_. Frank Narjes , 2014, personally appeared before me Frank Narjes to me known, \_\_ day of \_\_\_\_ and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth. Witness

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Witness

Attorney Docket No.: 23114

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- (2) Uwe Koche located at Dortmund, Germany, and
- (3) Frank Narjes, located at Lomma, Sweden (hereinafter ASSIGNOR(S)), together with
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- (5) Nigel J. Liverton located at Harleysville, Pennsylvania USA.
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U.S. Application No. <u>14/343,462</u>	having a filing date of	3/7/14 ; and	
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PCT International Application No. P	CT/CN2012/080216 having a	filing date of August 16,	2012.

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, MSD Italia S.r.l., a legal corporation organized under the laws of Italy, having an office at 151 Via Vitorchiano, 00189 Rome (RM), ITALY, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said ASSIGNEE my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of ASSIGNEE, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

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This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document. Executed this \_\_\_\_ day of \_\_\_\_ , 20 . Joerg Habermann On this \_\_\_\_\_ day of \_\_\_\_\_\_, 2014, personally appeared before me **Joerg Habermann** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth. Witness Witness Executed this \_\_\_\_ day of \_\_\_\_ , 20\_\_ . **Uwe Koche** , 2014, personally appeared before me Uwe Koche to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth. Witness Witness Executed this 26 day of February , 20 14. On this  $\frac{26}{}$  day of  $\frac{\text{February}}{\text{Narjes}}$ ,  $\frac{2014}{\text{Narjes}}$ , personally appeared before me Frank Narjes to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth. Mah diker

Page 2 of 2

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