PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2986750

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EDWARD CLEATOR	05/28/2013
CARL BAXTER	06/06/2013

RECEIVING PARTY DATA

Name:	MERCK SHARP & DOHME LIMITED
Street Address:	HERTFORD ROAD
City:	HERTFORDSHIRE
State/Country:	UNITED KINGDOM
Postal Code:	EN11 9BU

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14239391

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: 732-594-7159
Email: us efs@merck.com

Correspondent Name: MERCK SHARP & DOHME CORP.
Address Line 1: P.O. BOX 2000 - PATENT DEPT.

Address Line 2: RY86-2011A

Address Line 4: RAHWAY, NEW JERSEY 07065

ATTORNEY DOCKET NUMBER:	MRL-IFD-00014
NAME OF SUBMITTER:	KATHLEEN A. REYNOLDS
SIGNATURE:	/Kathleen A. Reynolds/
DATE SIGNED:	08/19/2014

Total Attachments: 4

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PATENT 502940152 REEL: 033560 FRAME: 0043

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Edward Cleator, located at Whittlesford, Cambridge, UK,
- (2) Carl Baxter, located at Stansted, Essex, UK,

(hereinafter ASSIGNOR(S)), together with Nobuyoshi Yasuda, located at Mountainside, NJ 07092, Jeffrey T. Kuethe, located at Somerset, NJ 08873, Guy Humphrey, located at Hillsborough, NJ 08844, Gregory L. Beutner, located at Green Brook, NJ 08812, and Yong-Li Zhong, located at Edison, NJ 08820, 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:

METHODS AND INTERMEDIATES FOR PREPARING MACROLACTAMS

and/or in the following application(s):

- U.S. Provisional Application No. 61/525,462 filed on 08/19/2011;
- U.S. Provisional Application No. 61/533,439 filed on 09/12/2011;
- U.S. Provisional Application No. 61/533,915 filed on 09/13/2011;
- U.S. Provisional Application No. 61/539,540 filed on 09/27/2011; U.S. Application No. 14/239, 39 having a filing date of S/16/17; and
- PCT International Application No. PCT/US12/51182 having a filing date of 08/16/2012.

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, Merck Sharp & Dohme Limited, a corporation organized under the laws of the United Kingdom, having an office at Hertford Road, Hoddesdon, Hertfordshire, EN11 9BU, United Kingdom, 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.

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.

REEL: 033560 FRAME: 0044

Executed this 29 day of MA	, 2013 <i>.</i>
Edward Cleafor	······································
ACKNOWLEDGEMENT	
State of Kongsman)) s.s.:
County of Marat Grass and a state) 3.3
On this 28 day of www and known by me to be the same person describe that he (she) executed the same, of his (her) own	, 2013, personally appeared before me Edward Cleator to me known, led in and who executed the foregoing instrument, and acknowledged in free will for the purpose set forth.
	Minose
	TVINICOS
Executed this day of	, 2013.
Carl Baxter	
Gan baxter	
ACKNOWLEDGEMENT	
State of)) s.s.:
County of) and the second
On this day of known by me to be the same person described in he (she) executed the same, of his (her) own free	, 2013, personally appeared before me Carl Baxter to me known, and and who executed the foregoing instrument, and acknowledged that will for the purpose set forth.
	Witness

REEL: 033560 FRAME: 0045

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Edward Cleator, located at Whittlesford, Cambridge, UK,
- (2) Carl Baxter, located at Stansted, Essex, UK,

(hereinafter ASSIGNOR(S)), together with Nobuyoshi Yasuda, located at Mountainside, NJ 07092, Jeffrey T. Kuethe, located at Somerset, NJ 08873, Guy Humphrey, located at Hillsborough, NJ 08844, Gregory L. Beutner, located at Green Brook, NJ 08812, and Yong-Li Zhong, located at Edison, NJ 08820, 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:

METHODS AND INTERMEDIATES FOR PREPARING MACROLACTAMS

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- U.S. Provisional Application No. 61/533,439 filed on 09/12/2011;
- U.S. Provisional Application No. 61/533,915 filed on 09/13/2011;
- U.S. Provisional Application No. 61/539,540 filed on 09/27/2011;
 U.S. Application No. 14/239,391 having a filing date of 9/16/2012; and PCT International Application No. PCT/US12/51182 having a filing date of 08/16/2012.

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, Merck Sharp & Dohme Limited, a corporation organized under the laws of the United Kingdom, having an office at Hertford Road, Hoddesdon, Hertfordshire, EN11 9BU, United Kingdom, 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.

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	, 2013.
Edward Cleator	
ACKNOWLEDGEMENT	
State of)) s.s.:
County of)
On this day of and known by me to be the same person de that he (she) executed the same, of his (her)	, 2013, personally appeared before me Edward Cleator to me known, scribed in and who executed the foregoing instrument, and acknowledged own free will for the purpose set forth.
	Witness
Executed this 46 day of TWME	, 2013.
Carl Baxter	
ACKNOWLEDGEMENT	
State of Hertfurdshine County of United Cingolin)) s.s.:)
On this & day of June	, 2013, personally appeared before me Carl Baxter to me known, and led in and who executed the foregoing instrument, and acknowledged that in free will for the purpose set forth.
	Ducid Ross

Page 2 of 2.
Computer Generated Template "Assignment-Blank Multiple Assignees Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010