PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN JAMES MOSS	12/03/2015
MATTHEW ALAN GREGORY	12/03/2015
BARRIE WILKINSON	12/10/2015
STEVEN KENDREW	12/09/2015

RECEIVING PARTY DATA

Name:	ISOMERASE
Street Address:	SUITE 9, SCIENCE VILLAGE
Internal Address:	CHESTERFORD RESEARCH PARK
City:	CAMBRIDGE
State/Country:	UNITED KINGDOM
Postal Code:	CB10 1XL

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14903190

CORRESPONDENCE DATA

Fax Number: (215)563-4044

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: (215) 563-4100

Email: docketclerk@ddhs.com

Correspondent Name: ROBERT C. NETTER, JR., PH.D., J.D.

Address Line 1: 1601 MARKET STREET

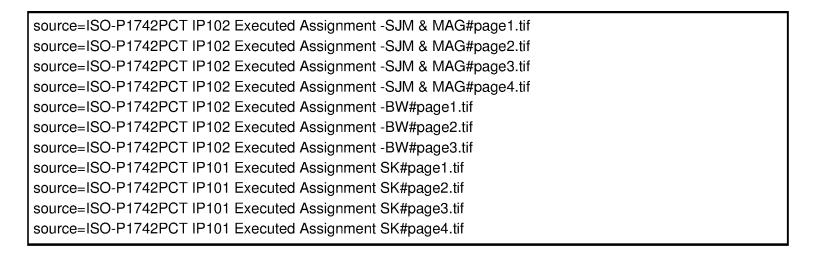
Address Line 2: SUITE 2400

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

NAME OF SUBMITTER:ROBERT C. NETTER, JR., PH.D., J.D.SIGNATURE:/Robert C. Netter, Jr./DATE SIGNED:02/12/2016	ATTORNEY DOCKET NUMBER:	5078-P06279US00
· · · · · · · · · · · · · · · · · · ·	NAME OF SUBMITTER:	ROBERT C. NETTER, JR., PH.D., J.D.
DATE SIGNED: 02/12/2016	SIGNATURE:	/Robert C. Netter, Jr./
	DATE SIGNED:	02/12/2016

Total Attachments: 11

PATENT 503691431 REEL: 037728 FRAME: 0450



PATENT REEL: 037728 FRAME: 0451

CONFIRMATORY ASSIGNMENT

WHEREAS WE Steven James MOSS a British citizen of Chesterford Research Park, Cambridge, CB10 1XL, United Kingdom, Matthew Alan GREGORY a British citizen of Chesterford Research Park, Cambridge, CB10 1XL, United Kingdom and Barrie WILKINSON a British citizen of Chesterford Research Park, Cambridge, CB10 1XL, United Kingdom (hereinafter called the "Inventors") have invented or discovered "NOVEL COMPOUNDS AND METHODS FOR THEIR PRODUCTION" (hereinafter called the "Invention") for which a PCT patent application was filed at the European Patent Office as Receiving Office under number PCT/GB2014/052094 on 9th July 2014 claiming priority to a patent application filed at the Intellectual Property Office in the United Kingdom under number 1312318.7 on 9th July 2013 (hereinafter called the "Applications");

WHEREAS Steven James MOSS, Matthew Alan GREGORY and Barrie WILKINSON were employed at the time of making of the Invention by Isomerase Therapeutics Ltd. whose registered address is Science Village, Chesterford Research Park, Cambridge CB10 1XL, United Kingdom (English company number 08335008, hereinafter called "ISOMERASE") and whereas the invention was made in the course of employment under circumstances whereby an invention may reasonably be expected to result and all rights in and to the invention are assigned to ISOMERASE by operation of law, specifically \$39 of the Patents Act 1977, and moreover by virtue of a specific assignment clause in their contracts of employment;

WHEREAS the Inventors and ISOMERASE have authorised and requested the filing of the Applications;

NOW, THEREFORE, to all whom it may concern be it known that for consideration of the sum of £1 (one pound sterling) or other valuable consideration, the sufficiency of which is hereby acknowledged, we the Inventors hereby confirm the ownership by ISOMERASE of the Invention and the Applications and hereby assign and transfer to ISOMERASE all ownership right, title and interest in and to the Invention and the Applications and to any priority rights for all territories of the world in respect of the invention and the Applications and in and to any divisional application, continuation or continuation in part application thereof, and in and to any extension, or re-issue thereof, or Supplementary Protection Certificate based

> **PATENT REEL: 037728 FRAME: 0452**

thereon, and we the **Inventors** hereby authorise and request any patent arising therefrom in any territory of the world be issued to **ISOMERASE**;

AND we the Inventors for ourselves and our respective executors and legal representatives hereby agree to provide information and make, execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in ISOMERASE its successors and assigns, the whole right, title and interest in and to the Invention and the Applications.

IN WITNESS whereof and with effect from 9th July 2013 the Inventors and ISOMERASE through its authorised official have hereunto set their respective hands:

SIGNED by Steven James MOSS

MICEL CONTEX

SIGNED by Matthew Alan GREGORY

in the presence of:

in the presence of:

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Date 3rd December 2015

SIGNED by Barrie WILKINSON

***************************************	Date	
in the presence of:		
SIGNED by ISOMERASE:		
Juliery	Date. 18/12/20	211
Name: M:GREGOVI		
Capacity: CEO		

REEL: 037728 FRAME: 0454

CONFIRMATORY ASSIGNMENT

WHEREAS WE Steven James MOSS a British citizen of Chesterford Research Park, Cambridge, CB10 1XL, United Kingdom, Matthew Alan GREGORY a British citizen of Chesterford Research Park, Cambridge, CB10 1XL, United Kingdom and Barrie WILKINSON a British citizen of Chesterford Research Park, Cambridge, CB10 1XL, United Kingdom (hereinafter called the "Inventors") have invented or discovered "NOVEL COMPOUNDS AND METHODS FOR THEIR PRODUCTION" (hereinafter called the "Invention") for which a PCT patent application was filed at the European Patent Office as Receiving Office under number PCT/GB2014/052094 on 9th July 2014 claiming priority to a patent application filed at the Intellectual Property Office in the United Kingdom under number 1312318.7 on 9th July 2013 (hereinafter called the "Applications");

WHEREAS Steven James MOSS, Matthew Alan GREGORY and Barrie WILKINSON were employed at the time of making of the Invention by Isomerase Therapeutics Ltd. whose registered address is Science Village, Chesterford Research Park, Cambridge CB10 1XL, United Kingdom (English company number 08335008, hereinafter called "ISOMERASE") and whereas the invention was made in the course of employment under circumstances whereby an invention may reasonably be expected to result and all rights in and to the invention are assigned to ISOMERASE by operation of law, specifically s39 of the Patents Act 1977, and moreover by virtue of a specific assignment clause in their contracts of employment;

WHEREAS the Inventors and ISOMERASE have authorised and requested the filing of the Applications;

NOW, THEREFORE, to all whom it may concern be it known that for consideration of the sum of £1 (one pound sterling) or other valuable consideration, the sufficiency of which is hereby acknowledged, we the Inventors hereby confirm the ownership by ISOMERASE of the Invention and the Applications and hereby assign and transfer to ISOMERASE all ownership right, title and interest in and to the Invention and the Applications and to any priority rights for all territories of the world in respect of the Invention and the Applications and in and to any divisional application, continuation or continuation in part application thereof, and in and to any extension, or re-issue thereof, or Supplementary Protection Certificate based

PATENT REEL: 037728 FRAME: 0456 SIGNED by Steven James MOSS

thereon, and we the **Inventors** hereby authorise and request any patent arising therefrom in any territory of the world be issued to **ISOMERASE**;

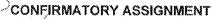
AND we the Inventors for ourselves and our respective executors and legal representatives hereby agree to provide information and make, execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in ISOMERASE its successors and assigns, the whole right, title and interest in and to the Invention and the Applications.

IN WITNESS whereof and with effect from 9th July 2013 the Inventors and ISOMERASE through its authorised official have hereunto set their respective hands:

nggagaanan an a	Date
in the presence of:	
SIGNED by Matthew Alan GREGORY	
	Date
in the presence of:	

SIGNED by Barrie WILKINSON

	Date 10/12/2015	
in the presence of:		
Tomscott	THOMAS SCOTT VOLIZIES	3
SIGNED by ISOMERASE:		
Helley	Date 184 Occumber 2017	
Name: M. G.M.C.J		
Canada CCO		



WHEREAS I Steven KENDREW a British citizen of Riverside 3, Granta Park, Cambridge, CB21-6AD, United Kingdom (hereinafter called the "Inventor") have invented or discovered some or all of "NOVEL COMPOUNDS AND METHODS FOR THEIR PRODUCTION" (hereinafter called the "Invention") for which a PCT patent application was filed at the European Patent Office as Receiving Office under number PCT/GB2014/052094 on 9" July 2014 claiming priority to a patent application filed at the Intellectual Property Office in the United Kingdom under number 1312318.7 on 9" July 2013 (hereinafter called the "Applications");

WHEREAS Steven KENDREW was employed at the time of making of the Invention by Biotica Technology Ltd. whose registered address is Riverside 3, Granta Park, Cambridge, CB21 6AD, UK (English company number 03243295, hereinafter called "BIOTICA") and whereas the invention was made in the course of employment under circumstances whereby an invention may reasonably be expected to result and all rights in and to the invention are assigned to BIOTICA by operation of law, specifically s39 of the Patents Act 1977, and moreover by virtue of a specific assignment clause in his contract of employment;

WHEREAS Isomerase Technology Ltd. whose registered address is Suite 9, Science Village, Chesterford Research Park, Cambridge, CB10 1XL, United Kingdom (English company number 08335008, hereinafter called "ISOMERASE") has acquired all rights to this invention from BIOTICA by virtue of an agreement dated 15th March 2013;

WHEREAS the Inventor and ISOMERASE have authorised and requested the filing of the Applications;

NOW, THEREFORE, to all whom it may concern be it known that for consideration of the sum of £1 (one pound sterling) or other valuable consideration, the sufficiency of which is hereby acknowledged, I the Inventor hereby confirm the ownership by ISOMERASE of the Invention and the Applications and hereby assign and transfer to ISOMERASE all ownership right, title and interest in and to the Invention and the Applications and to any priority rights for all territories of the world in respect of the Invention and the Applications and in and to any divisional application, continuation or continuation in part application thereof, and in and to any extension, or re-issue

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ISO-P1742PCT IP101 Assignment

thereof, or Supplementary Protection Certificate based thereon, and I the **Inventor** hereby authorise and request any patent arising therefrom in any territory of the world be issued to **ISOMERASE**;

AND I the Inventor for myself and my executors and legal representatives hereby agree to provide information and make, execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in ISOMERASE its successors and assigns, the whole right, title and interest in and to the Invention and the Applications.

IN WITNESS whereof and with effect from 9th July 2013 the Inventor and ISOMERASE through its authorised official have hereunto set their respective hands:

SIGNED by Steven KENDREW

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Date 09-02015

in the presence of:

N. Coy

SIGNED by ISOMERASE:

Yellung Date 13/12/205

Name: ____M:GLEGOV/)

PATENT REEL: 037728 FRAME: 0462

RECORDED: 02/12/2016