12/12/2018 505233580

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5280350

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN G. NADLER	10/12/2012
JAMES K. TAMURA	10/22/2012
SUZANNE J. SUCHARD	10/19/2018
ANISH SURI	10/19/2012
JAMES WILLIAM BRYSON	11/02/2012
LAURA PRICE	10/22/2012
ROBERT P. REHFUSS	11/02/2012
AARON YAMNIUK	10/19/2012

RECEIVING PARTY DATA

Name:	BRISTOL-MYERS SQUIBB COMPANY	
Street Address:	Iress: ROUTE 206 & PROVINCE LINE ROAD	
City:	PRINCETON	
State/Country:	NEW JERSEY	
Postal Code:	08543-4000	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16218077

CORRESPONDENCE DATA

Fax Number: (202)842-8465

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: 202-842-8800

Email: bronwen.loeb@dbr.com, felicia.bull@dbr.com

Correspondent Name: DRINKER BIDDLE & REATH (DC)

Address Line 1: 1500 K STREET, N.W.

Address Line 2: **SUITE 1100**

Address Line 4: WASHINGTON, D.C. 20005-1209

ATTORNEY DOCKET NUMBER:	200896-0005-05-US-584438
NAME OF SUBMITTER:	BRONWEN M. LOEB, PH.D.
SIGNATURE:	/Bronwen M Loeb/

REEL: 047759 FRAME: 0011 505233580

PAIENI

DATE SIGNED: 12/12/2018 **Total Attachments: 20** source=Declaration Assignment BMS#page1.tif source=Declaration Assignment BMS#page2.tif source=Declaration Assignment BMS#page3.tif source=Declaration_Assignment_BMS#page4.tif source=Declaration_Assignment_BMS#page5.tif source=Declaration Assignment BMS#page6.tif source=Declaration_Assignment_BMS#page7.tif source=Declaration_Assignment_BMS#page8.tif source=Declaration_Assignment_BMS#page9.tif source=Declaration Assignment BMS#page10.tif source=Declaration Assignment BMS#page11.tif source=Declaration_Assignment_BMS#page12.tif source=Declaration Assignment BMS#page13.tif source=Declaration Assignment BMS#page14.tif source=Declaration Assignment BMS#page15.tif source=Declaration_Assignment_BMS#page16.tif source=Declaration Assignment BMS#page17.tif source=Declaration Assignment BMS#page18.tif source=Declaration Assignment BMS#page19.tif source=Declaration_Assignment_BMS#page20.tif

ATTORNEY DOCKET NO.: 11839 NP SOLE/JOINT INVENTION (Worldwide Rights) Page 1 of 3

COMBINED DECLARATION AND ASSIGNMENT

WHEREAS I/WE, the below-named inventor(s) – hereinafter referred to as Assignor(s) – have made an invention entitled:

ANTIBODY POLYPEPTIDES THAT ANTAGONIZE CD40L

for which I/WE are filing an application for United States Letters Patent, the application being the one identified in the Declaration set forth below; and

WHEREAS <u>Bristol-Myers Squibb Company</u>, a corporation of <u>Delaware</u>, whose post office address is <u>Route 206 & Province Line Road</u>, <u>Princeton</u>, <u>New Jersey</u>, <u>08543-4000</u> (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys empowered in the Power of Attorney in this application, to insert here in parentheses (Application No. 13/650,493, filed October 12, 2012) the filing date and application number of said application when known.

ATTORNEY DOCKET NO.: 11839 NP SOLE/JOINT INVENTION (Worldwide Rights) Page 2 of 3

AS A DECLARATION UNDER 37 CFR 1.63, for a utility or design application using an Application Data Sheet (37 CFR 1.76), each below-named inventor for which a signature has been provided hereby declares that:

-	
	This Declaration is directed to:
	The attached application, or
⊠ 2012.	United States application or PCT international application number 13/650,493 filed on October 12,
specific	I hereby state that I have reviewed and understand the contents of the above identified cation, including the claims, as amended by any amendment referred to above.
Γitle 37	I acknowledge the duty to disclose information which is material to the patentability as defined in 7, Code of Federal Regulations, Section 1.56.
	The above-identified application was made or authorized to be made by me.
applica	I believe that I am the original inventor or an original joint inventor of a claimed invention in the tion.
J.S.C.	I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 1001 by fine or imprisonment of not more than five (5) years, or both.

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

ATTORNEY DOCKET NO.: 11839 NP SOLE/JOINT INVENTION (Worldwide Rights)

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Legal Name of Sole/First Assignor/Inventor Steven G. Nadler	Assignor/Inventor Signature	Date 10/12/12
Legal Name of Second Assignor/Inventor James K. Tamura	Assignor/Inventor Signature	Date 10/22/12
Legal Name of Third Assignor/Inventor Suzanne J. Suchard	Aprignor/Inventor Signature	Date 10/19/12
Legal Name of Fourth Assignor/Inventor Anish Suri	Assignor/Inventor Signature	Date 10/12/12
Legal Name of Fifth Assignor/Inventor James William Bryson	Assignor/inventor Signature	Date 11/2/12
Legal Name of Sixth Assignor/Inventor Laura Price	Assignor/Inventor Signature	Date
Legal Name of Seventh Assignor/Inventor Robert P. Rehfuss	Assignor/Inventor Signature	Date
Legal Name of Eighth Assignor/Inventor Aaron Yamniuk	Assignor/Inventor Signature	Date 10/19/12
Legal Name of Ninth Assignor/Inventor	Assignor/Inventor Signature	Date
Legal Name of Tenth Assignor/Inventor	Assignor/Inventor Signature	Date
Legal Name of Eleventh Assignor/Inventor	Assignor/Inventor Signature	Date

Name(s) of additional Assignor(s)/Inventor(s) attached: Yes No

ATTORNEY DOCKET NO.: 200896-0005 (490786)
SOLE/JOINT INVENTION
(Worldwide Rights)
Page 1 of 3

COMBINED DECLARATION AND ASSIGNMENT

WHEREAS I/WE, the below-named inventor(s) – hereinafter referred to as Assignor(s) – have made an invention entitled:

ANTIBODY POLYPEPTIDES THAT ANTAGONIZE CD40L

for which I/WE are filing an application for United States Letters Patent, the application being the one identified in the Declaration set forth below; and

WHEREAS <u>Bristol-Myers Squibb Company</u>, a corporation of <u>Delaware</u>, whose post office address is <u>Route 206 & Province Line Road</u>, <u>Princeton</u>, <u>New Jersey</u>, <u>08543-4000</u> (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys empowered in the Power of Attorney in this application, to insert here in parentheses (Application No. ___, filed ___) the filing date and application number of said application when known.

DC01/3016243.1

ATTORNEY DOCKET NO.: 200896-0005 (490786)
SOLE/JOINT INVENTION
(Worldwide Rights)
Page 2 of 3

AS A DECLARATION UNDER 37 CFR 1.63, for a utility or design application using an Application Data Sheet (37 CFR 1.76), each below-named inventor for which a signature has been provided hereby declares that:

This Declaration is directed to:

The attached application, or

United States application or PCT international application number __13/650,493 filed on October 12, 2012.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

ATTORNEY DOCKET NO.: 11839 NP SOLE/JOINT INVENTION (Worldwide Rights) Page 3 of 3

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Legal Name of Sole/First Assignor/Inventor Steven G. NADLER	Assignor/Inventor Signature	Date
Legal Name of Second Assignor/Inventor James K. TAMURA	Assignor/Inventor Signature	Date
Legal Name of Third Assignor/Inventor Laura PRICE	Assignor/Inventor Signature Xaura Ul Mcl	Date 10/20/20/2
Legal Name of Fourth Assignor/Inventor Robert P. REHFUSS	Assignor/Inventor Signature	Date
Legal Name of Fifth Assignor/Inventor Suzanne J. SUCHARD	Assignor/Inventor Signature	Date
Legal Name of Sixth Assignor/Inventor Anish SURI	Assignor/Inventor Signature	Date
Legal Name of Seventh Assignor/Inventor James William BRYSON	Assignor/Inventor Signature	Date
Legal Name of Eighth Assignor/Inventor Aaron YAMNIUK	Assignor/Inventor Signature	Date
Legal Name of Ninth Assignor/Inventor	Assignor/Inventor Signature	Date
Legal Name of Tenth Assignor/Inventor	Assignor/Inventor Signature	Date
Legal Name of Eleventh Assignor/Inventor	Assignor/Inventor Signature	Date
Name(s) of additional Assignor(s)/Inventor(s) attached: Yes No		

DC01/3016243.1

ATTORNEY DOCKET NO.: 200896-0005 (490786)
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Page | of 3

COMBINED DECLARATION AND ASSIGNMENT

WHEREAS I/WE, the below-named inventor(s) – hereinafter referred to as Assignor(s) – have made an invention entitled:

ANTIBODY POLYPEPTIDES THAT ANTAGONIZE CD40L

for which I/WE are filing an application for United States Letters Patent, the application being the one identified in the Declaration set forth below; and

WHEREAS <u>Bristol-Myers Squibb Company</u>, a corporation of <u>Delaware</u>, whose post office address is <u>Route 206 & Province Line Road</u>, <u>Princeton</u>, <u>New Jersey</u>, <u>08543-4000</u> (hercinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

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ATTORNEY DOCKET NO.: 200896-0005 (490786) SOLE/JOINT INVENTION (Worldwide Rights) Page 2 of 3

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	declares that:
	This Declaration is directed to:
	The attached application, or
⊠ 2012.	United States application or PCT international application number 13/650,493 filed on October 12,
specific	I hereby state that I have reviewed and understand the contents of the above identified eation, including the claims, as amended by any amendment referred to above.
Title 37	I acknowledge the duty to disclose information which is material to the patentability as defined in 7, Code of Federal Regulations, Section 1.56.
	The above-identified application was made or authorized to be made by me.
applica	I believe that I am the original inventor or an original joint inventor of a claimed invention in the tion.
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ATTORNEY DOCKET NO.: 11839 NP SOLE/JOINT INVENTION (Worldwide Rights) Page 3 of 3

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Legal Name of Sole/First Assignor/Inventor Steven G. NADLER	Assignor/Inventor Signature	Date
Legal Name of Second Assignor/Inventor James K. TAMURA	Assignor/Inventor Signature	Date
Legal Name of Third Assignor/Inventor Laura PRICE	Assignor/Inventor Signature	Date
Legal Name of Fourth Assignor/Inventor Robert P. REHFUSS	Assignor/Inventor Signature Robert Renfuss	Date 11/2/12
Legal Name of Fifth Assignor/Inventor Suzanne J. SUCHARD	Assignor/Inventor Signature	Date
Legal Name of Sixth Assignor/Inventor Anish SURI	Assignor/Inventor Signature	Date
Legal Name of Seventh Assignor/Inventor James William BRYSON	Assignor/Inventor Signature	Date
Legal Name of Eighth Assignor/Inventor Aaron YAMNIUK	Assignor/Inventor Signature	Date
Legal Name of Ninth Assignor/Inventor	Assignor/Inventor Signature	Date
Legal Name of Tenth Assignor/Inventor	Assignor/Inventor Signature	Date
Legal Name of Eleventh Assignor/Inventor	Assignor/Inventor Signature	Date

Name(s) of additional Assignor(s)/Inventor(s) attached: Yes No

ATTORNEY DOCKET NO.: 11839 NP SOLE/JOINT INVENTION (Worldwide Rights)

Signed this 12 day of Ochor, 2012 by

Steven G. Nadler

STATE OF New Jersey

COUNTY OF Mercer

On the 12 day of 10 ft. , 2012, before me came Steven G. Nadler to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he executed it.

[SEAL]

SOYCE M. WHITLOW Natary Public of New Servey My Commission Expires May 27, 2023

4

Signed this 22-day of October, 2012 by

James K. Tamura

STATE OF New Jersey

COUNTY OF Mercer

On the 22nd day of July , 2012, before me came James K. Tamura to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

JOYCE M. WHITLOW Notary Public of New Jersey My Commission Expires May 27, 2013

Signed this 19 day of October, 2012 by

Juzanne J Juchard

STATE OF New Jersey

COUNTY OF Mercer

On the Aday of Other, 2012, before me came Suzanne J. Suchard to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

JOYCE M. WHITLOW
Notary Public of New Jersey
My Commission Expires May 27, 2013

Signed this 19th day of Jubber, 2012 by Anish Suri to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

SOLE/JOINT INVENTION WORLDWIDE RIGHTS

Anish Suri

Anish Suri

Anish Suri

Anish Suri to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

HOYCE M. WHITLOW Notary Public of New Jersey My Commission Expires May 27, 2013

ATTORNEY DOCKET NO.: 11839 NP

Signed this 2nd day of November,	2012 by Jan Ja Mar
	James William Bryson
STATE OF New Jersey	
COUNTY OF Mercer	
On the Ind day of Marghan, snown to be the person of that name mentional acknowledged that he/she executed it.	2012, before me came James William Bryson to me oned in, and who executed the foregoing Assignment
SEAL]	Notary Public

JOYCE M. WHITLOW Notary Public of New Jersey My Commission Expires May 27, 2013

Signed this 19 day of October, 2	2012 by Aaron Yamniuk
STATE OF New Jersey	
COUNTY OF Mercer	
On the 19 day of Office , 201 be the person of that name mentioned in, a acknowledged that he/she executed it.	2, before me came Aaron Yamniuk to me known to and who executed the foregoing Assignment and
[SEAL]	Notary Public

JOYCE M. WHITLOW Notary Public of New Jersey My Commission Expires May 27, 2013

Signed this 22 day of Oct, 2012 by Maddle

Signed this <u>aa</u> day of <u>Oe+</u>

STATE OF LEWILL MARINE
COUNTY OF LUCKS

On the A Honor day of Catallace , 2012, before me came Laura Price to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

Mary Ellen Biltenhender, Natary Public

Mary Ellen Bittenbender, Notary Public Perkasie Boro., Bucks County My Gemmission Expires July 22, 2013

Signed this 2 day of November, 2012 by

Robert Rehfuss

STATE OF New York

COUNTY OF

On the Zinday of Novework, 2012, before me came Robert Rehfuss to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

KIMBERLY ALLEN
Notary Public, State of New York
Reg, No. 01AL6139198
Qualified in Jefferson County
My Commission Expires Jan. 3, 2014

PATENT

REEL: 047759 FRAME: 0029

ATTORNEY DOCKET NO.: 200896-0005 (490786)
SOLE/JOINT INVENTION
(Worldwide Rights)
Page 1 of 3

COMBINED DECLARATION AND ASSIGNMENT

WHEREAS I/WE, the below-named inventor(s) - hereinafter referred to as Assignor(s) - have made an invention entitled:

ANTIBODY POLYPEPTIDES THAT ANTAGONIZE CD401.

for which I/WE are filing an application for United States Letters Patent, the application being the one identified in the Declaration set forth below; and

WHEREAS <u>Domantis Limited</u>, a corporation of <u>United Kingdom</u>, whose post office address is <u>980 Great West Road</u>, <u>Brentford</u>, <u>Middlesex</u>, <u>TW8 9GS</u>, <u>United Kingdom</u> (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

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AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys empowered in	n the Power of Attorno	ey in
this application, to insert here in parentheses (Application No.	, filed) the
filing date and application number of said application when known.		

DC01/3016256.1

ATTORNEY DOCKET NO.: 200896-0005 (490786) SOLE/JOINT INVENTION (Worldwide Rights) Page 2 of 3

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	The attached application, or
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specific	I hereby state that I have reviewed and understand the contents of the above identified eation, including the claims, as amended by any amendment referred to above.
Title 37	I acknowledge the duty to disclose information which is material to the patentability as defined in 7, Code of Federal Regulations, Section 1.56.
	The above-identified application was made or authorized to be made by me.
applica	I believe that I am the original inventor or an original joint inventor of a claimed invention in the tion.
	I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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ATTORNEY DOCKET NO.: 200896-0005 (490786) SOLE/JOINT INVENTION (Worldwide Rights) Page 3 of 3

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Legal Name of Sole/First Assignor/Inventor Steven GRANT	Assignor/Inventor Signature	Date 16 TH OCT 2012
Legal Name of Second Assignor/Inventor Olga IGNATOVICH	Assignor/Inventor Signature GHUCEC	Date 17 Th Oct 2012
Legal Name of Third Assignor/Inventor Philip DREW	Assignor/Inventor Signature	Date 16th OCT 2012
Legal Name of Fourth Assignor/Inventor	Assignor/Inventor Signature	Date
Legal Name of Fifth Assignor/Inventor	Assignor/Inventor Signature	Date
Legal Name of Sixth Assignor/Inventor	Assignor/Inventor Signature	Date
Legal Name of Seventh Assignor/Inventor	Assignor/Inventor Signature	Date
Legal Name of Eighth Assignor/Inventor	Assignor/Inventor Signature	Date
Legal Name of Ninth Assignor/Inventor	Assignor/Inventor Signature	Date
Legal Name of Tenth Assignor/Inventor	Assignor/Inventor Signature	Date .
Legal Name of Eleventh Assignor/Inventor	Assignor/Inventor Signature	Date
Name(s) of additional Assignor(s)/	Inventor(s) attached: Yes	No

DC'01/3016256.1

PATENT REEL: 047759 FRAME: 0032

RECORDED: 12/12/2018