

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5921431

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHELLEY ALLEN	01/30/2014
STEVEN WADE ANDREWS	02/13/2014
JAMES F. BLAKE	01/30/2014
BARBARA J. BRANDHUBER	01/30/2014
JULIA HAAS	01/30/2014
YUTONG JIANG	01/30/2014
TIMOTHY KERCHER	02/19/2014
GABRIELLE R. KOLAKOWSKI	02/18/2014
ALLEN A. THOMAS	02/13/2014
SHANNON L. WINSKI	02/12/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARRAY BIOPHARMA INC.
<b>Street Address:</b>	3200 WALNUT STREET
<b>City:</b>	BOULDER
<b>State/Country:</b>	COLORADO
<b>Postal Code:</b>	80301
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16415575
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(952)876-4098
<i>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.</i>	
<b>Phone:</b>	9528764062
<b>Email:</b>	sschultz@vhpmplaw.com, docketing@vhpmplaw.com
<b>Correspondent Name:</b>	VIKSINIS HARRIS PADYS MALEN LLP
<b>Address Line 1:</b>	7851 METRO PARKWAY
<b>Address Line 2:</b>	SUITE 325
<b>Address Line 4:</b>	BLOOMINGTON, MINNESOTA 55425
<b>ATTORNEY DOCKET NUMBER:</b>	02020.092US2

PATENT

<b>NAME OF SUBMITTER:</b>	STACY SCHULTZ
<b>SIGNATURE:</b>	/Stacy Schultz/
<b>DATE SIGNED:</b>	01/21/2020
<b>Total Attachments: 16</b> source=Assignment to be filed#page1.tif source=Assignment to be filed#page2.tif source=Assignment to be filed#page3.tif source=Assignment to be filed#page4.tif source=Assignment to be filed#page5.tif source=Assignment to be filed#page6.tif source=Assignment to be filed#page7.tif source=Assignment to be filed#page8.tif source=Assignment to be filed#page9.tif source=Assignment to be filed#page10.tif source=Assignment to be filed#page11.tif source=Assignment to be filed#page12.tif source=Assignment to be filed#page13.tif source=Assignment to be filed#page14.tif source=Assignment to be filed#page15.tif source=Assignment to be filed#page16.tif	

## ASSIGNMENT

WHEREAS, We, SHELLEY ALLEN, STEVEN WADE ANDREWS, JAMES F. BLAKE, BARBARA J. BRANDHUBER, JULIA HAAS, YUTONG JIANG, TIMOTHY KERCHER, GABRIELLE R. KOLAKOWSKI, ALLEN A. THOMAS, and SHANNON L. WINSKI, made certain new and useful inventions and improvements for which we filed a patent application in the United States on NOVEMBER 13, 2012, which application was assigned U.S. patent application serial number 61/725,925, and for which we filed an International Patent Application on NOVEMBER 13, 2013 which application was assigned International Patent Application Number PCT/US2013/069951.

AND WHEREAS, ARRAY BIOPHARMA INC., having an office and place of business at 3200 WALNUT STREET, BOULDER, COLORADO 80301 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to any Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we hereby sell, assign, transfer and set over unto said Assignee, including its successors and assigns, our entire right, title and interest to all inventions disclosed in the aforesaid application(s), including all rights to claim priority therefrom, and to any and all present or future patent applications to such inventions filed in the United States or any other country or region, inclusive of, but not limited to, all divisions, continuations, continuations-in-part, renewals thereof, substitutions, reexaminations, reissues, provisional patent applications, applications filed under the Patent Cooperation Treaty, certificates of addition, utility models, and petty patents, as well as all other intellectual property related to the applications, inclusive of, but not limited to, supplementary protection certificates, and to any and all Letters Patents and any related patent term extensions that may be granted for said Letters Patents with respect to the applications; all of the above to be held by Assignee as fully and entirely as the same would have been held by us had this Assignment not been made.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of

January, 2014.

Shelley Allen  
SHELLEY ALLEN

STATE OF Colorado )

)ss

COUNTY OF Boulder )

On this 30 day of January, 2014 before me personally appeared SHELLEY ALLEN to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL] SUSAN E. ELSBERRY  
Notary Public  
State of Colorado  
My Commission Expires October 15, 2015

Susan E. Elsberry  
Notary Public

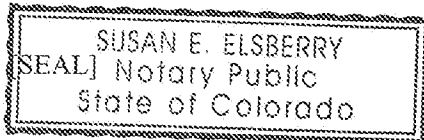
IN TESTIMONY WHEREOF, I have hereunto set my hand this 13 day of  
February, 2014.

Steven W. Andrews  
STEVEN WADE ANDREWS

STATE OF Colorado

COUNTY OF Boulder)  
)ss

On this 13<sup>th</sup> day of February, 2014 before me personally appeared STEVEN WADE ANDREWS to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



My Commission Expires October 15, 2015

Marian E. Elsberry  
Notary Public

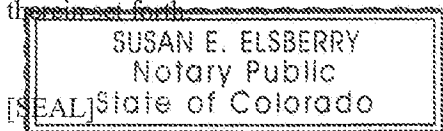
IN TESTIMONY WHEREOF, I have hereunto set my hand this 30<sup>th</sup> day of  
January, 2014.

James F. Blake  
JAMES F. BLAKE

STATE OF Colorado

COUNTY OF Boulder)  
)ss

On this 30 day of January, 2014 before me personally appeared JAMES F. BLAKE to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



My Commission Expires October 15, 2015

Marian E. Elsberry  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of

January, 2014.

Barbara J. Brandhuber  
BARBARA J. BRANDHUBER

STATE OF Colorado

)ss

COUNTY OF Boulder

On this 30 day of January, 2014 before me personally appeared BARBARA J. BRANDHUBER to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL] SUSAN E. ELSBERRY  
Notary Public  
State of Colorado  
My Commission Expires October 15, 2015

Ann E. Egan  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of

January, 2014.

Julia Haas  
JULIA HAAS

STATE OF Colorado

)ss

COUNTY OF Boulder

On this 30 day of January, 2014 before me personally appeared JULIA HAAS to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL] SUSAN E. ELSBERRY  
Notary Public  
State of Colorado  
My Commission Expires October 15, 2015

Ann E. Egan  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30<sup>th</sup> day of

January, 2014.

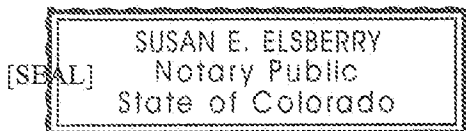
YUTONG JIANG

STATE OF Colorado)

)ss

COUNTY OF Boulder)

On this 30 day of January, 2014 before me personally appeared YUTONG JIANG to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



My Commission Expires October 15, 2016

Susan E. Elsberry  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of

\_\_\_\_\_, 2014.

TIMOTHY KERCHER

STATE OF \_\_\_\_\_)

)ss

COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 2014 before me personally appeared TIMOTHY KERCHER to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public

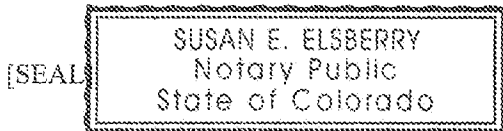
IN TESTIMONY WHEREOF, I have hereunto set my hand this 18<sup>th</sup> day of  
February, 2014.

Gabrielle Kolakowski  
GABRIELLE R. KOLAKOWSKI

STATE OF Colorado

COUNTY OF Boulder)  
)ss

On this 18 day of February, 2014 before me personally appeared GABRIELLE R. KOLAKOWSKI to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



My Commission Expires October 15, 2015

Marian E. Elsberry  
Notary Public

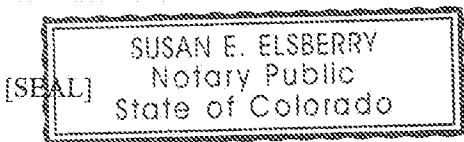
IN TESTIMONY WHEREOF, I have hereunto set my hand this 13 day of  
February, 2014.

Allen A. Thomas  
ALLEN A. THOMAS

STATE OF Colorado

COUNTY OF Boulder)  
)ss

On this 13 day of February, 2014 before me personally appeared ALLEN A. THOMAS to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



My Commission Expires October 15, 2015

Marian E. Elsberry  
Notary Public

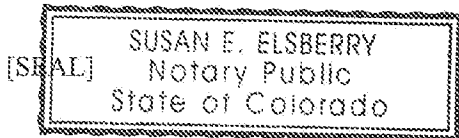


IN TESTIMONY WHEREOF, I have hereunto set my hand this 12<sup>th</sup> day of  
February, 2014.

Shannon L. Winski  
SHANNON L. WINSKI

STATE OF Colorado )  
 )ss  
COUNTY OF Boulder )

On this 12 day of February, 2014 before me personally appeared SHANNON L. WINSKI to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



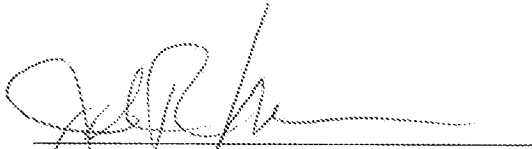
Mona E. Elsberry  
Notary Public

My Commission Expires October 16, 2015

ASSIGNEE:

AGREED TO AND ACCEPTED on this 7 day of February,  
20 14.

ARRAY BIOPHARMA INC.



John R. Moore

Vice President and General Counsel

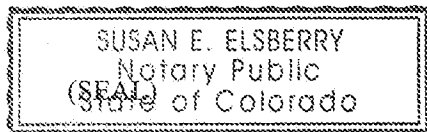
STATE OF COLORADO )

) ss.

COUNTY OF BOULDER )

Before me, a Notary Public in and for said County and State, personally appeared John R. Moore, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 7 day of February, 2014



My Commission Expires October 16, 2016

Notary Public



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## ASSIGNMENT

WHEREAS, We, SHELLEY ALLEN, STEVEN WADE ANDREWS, JAMES F. BLAKE, BARBARA J. BRANDHUBER, JULIA HAAS, YUTONG JIANG, TIMOTHY KERCHER, GABRIELLE R. KOLAKOWSKI, ALLEN A. THOMAS, and SHANNON L. WINSKI, made certain new and useful inventions and improvements for which we filed a patent application in the United States on NOVEMBER 13, 2012, which application was assigned U.S. patent application serial number 61/725,925, and for which we filed an International Patent Application on NOVEMBER 13, 2013 which application was assigned International Patent Application Number PCT/US2013/069951.

AND WHEREAS, ARRAY BIOPHARMA INC., having an office and place of business at 3200 WALNUT STREET, BOULDER, COLORADO 80301 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to any Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we hereby sell, assign, transfer and set over unto said Assignee, including its successors and assigns, our entire right, title and interest to all inventions disclosed in the aforesaid application(s), including all rights to claim priority therefrom, and to any and all present or future patent applications to such inventions filed in the United States or any other country or region, inclusive of, but not limited to, all divisions, continuations, continuations-in-part, renewals thereof, substitutions, reexaminations, reissues, provisional patent applications, applications filed under the Patent Cooperation Treaty, certificates of addition, utility models, and petty patents, as well as all other intellectual property related to the applications, inclusive of, but not limited to, supplementary protection certificates, and to any and all Letters Patents and any related patent term extensions that may be granted for said Letters Patents with respect to the applications; all of the above to be held by Assignee as fully and entirely as the same would have been held by us had this Assignment not been made.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
SHELLEY ALLEN

STATE OF \_\_\_\_\_)

)ss

COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 2014 before me personally appeared SHELLEY ALLEN to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
STEVEN WADE ANDREWS

STATE OF \_\_\_\_\_ )  
 )ss  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2014 before me personally appeared STEVEN WADE ANDREWS to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
JAMES F. BLAKE

STATE OF \_\_\_\_\_ )  
 )ss  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2014 before me personally appeared JAMES F. BLAKE to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
BARBARA J. BRANDHUBER

STATE OF \_\_\_\_\_ )  
 )ss  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2014 before me personally appeared BARBARA J. BRANDHUBER to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
JULIA HAAS

STATE OF \_\_\_\_\_ )  
 )ss  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2014 before me personally appeared JULIA HAAS to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
YUTONG JIANG


STATE OF \_\_\_\_\_ )  
 )ss  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2014 before me personally appeared YUTONG JIANG to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19<sup>th</sup> day of FEBRUARY, 2014.

  
\_\_\_\_\_  
TIMOTHY KERCHER

STATE OF CALIFORNIA )  
 )ss  
COUNTY OF SAN DIEGO )

On this 19<sup>TH</sup> day of FEBRUARY, 2014 before me personally appeared TIMOTHY KERCHER to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



  
\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
GABRIELLE R. KOLAKOWSKI

STATE OF \_\_\_\_\_ )  
 )ss  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2014 before me personally appeared GABRIELLE R. KOLAKOWSKI to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
ALLEN A. THOMAS

STATE OF \_\_\_\_\_ )  
 )ss  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2014 before me personally appeared ALLEN A. THOMAS to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
SHANNON L. WINSKI

STATE OF \_\_\_\_\_ )  
 )ss  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2014 before me personally appeared SHANNON L. WINSKI to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public  
\_\_\_\_\_

ASSIGNEE:

AGREED TO AND ACCEPTED on this 27 day of February,  
20 14.

ARRAY BIOPHARMA INC.



John R. Moore

Vice President and General Counsel

STATE OF COLORADO )

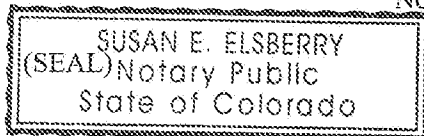
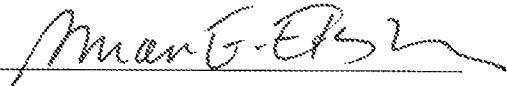
) ss.

COUNTY OF BOULDER )

Before me, a Notary Public in and for said County and State, personally appeared John R. Moore, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 27 day of February, 2014

Notary Public



\*\*\*\*\*

My Commission Expires October 15, 2015