

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5247965

|                              |                |
|------------------------------|----------------|
| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT |
| <b>NATURE OF CONVEYANCE:</b> | ASSIGNMENT     |

**CONVEYING PARTY DATA**

| Name               | Execution Date |
|--------------------|----------------|
| JASON E. BRYANT    | 11/13/2017     |
| DANIEL P. CASAZZA  | 11/13/2017     |
| DANIEL J. HARRIS   | 11/13/2017     |
| BRETT W. JOHNSON   | 12/02/2017     |
| SONAL SADARIA NANA | 11/20/2017     |
| TIMOTHY J. PATNO   | 11/10/2017     |
| FRANK PAWLOWSKI    | 11/13/2017     |
| DAVID M. PETERS    | 11/27/2017     |
| JOSEPH P. SKINNER  | 11/27/2017     |
| MARK TALMER        | 11/14/2017     |

**RECEIVING PARTY DATA**

|                        |                       |
|------------------------|-----------------------|
| <b>Name:</b>           | ABBOTT MOLECULAR INC. |
| <b>Street Address:</b> | 1300 E. TOUHY AVENUE  |
| <b>City:</b>           | DES PLAINES           |
| <b>State/Country:</b>  | ILLINOIS              |
| <b>Postal Code:</b>    | 60018                 |

**PROPERTY NUMBERS Total: 2**

| Property Type              | Number       |
|----------------------------|--------------|
| <b>Application Number:</b> | 15460157     |
| <b>PCT Number:</b>         | US2017022597 |

**CORRESPONDENCE DATA****Fax Number:** (650)327-3231*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:** 650-327-3400**Email:** wetteland@bozpat.com**Correspondent Name:** BOZICEVIC FIELD & FRANCIS LLP**Address Line 1:** 201 REDWOOD SHORES PARKWAY**Address Line 2:** SUITE 200**Address Line 4:** REDWOOD CITY, CALIFORNIA 94065

PATENT

|                                |                                   |
|--------------------------------|-----------------------------------|
| <b>ATTORNEY DOCKET NUMBER:</b> | ADDV-054 / ADDV-054WO             |
| <b>NAME OF SUBMITTER:</b>      | EDWARD J. BABA                    |
| <b>SIGNATURE:</b>              | /Edward J. Baba, Reg. No. 52,581/ |
| <b>DATE SIGNED:</b>            | 11/21/2018                        |

**Total Attachments: 21**

source=ADDV-054\_Exec\_Assignments#page1.tif  
source=ADDV-054\_Exec\_Assignments#page2.tif  
source=ADDV-054\_Exec\_Assignments#page3.tif  
source=ADDV-054\_Exec\_Assignments#page4.tif  
source=ADDV-054\_Exec\_Assignments#page5.tif  
source=ADDV-054\_Exec\_Assignments#page6.tif  
source=ADDV-054\_Exec\_Assignments#page7.tif  
source=ADDV-054\_Exec\_Assignments#page8.tif  
source=ADDV-054\_Exec\_Assignments#page9.tif  
source=ADDV-054\_Exec\_Assignments#page10.tif  
source=ADDV-054\_Exec\_Assignments#page11.tif  
source=ADDV-054\_Exec\_Assignments#page12.tif  
source=ADDV-054\_Exec\_Assignments#page13.tif  
source=ADDV-054\_Exec\_Assignments#page14.tif  
source=ADDV-054\_Exec\_Assignments#page15.tif  
source=ADDV-054\_Exec\_Assignments#page16.tif  
source=ADDV-054\_Exec\_Assignments#page17.tif  
source=ADDV-054\_Exec\_Assignments#page18.tif  
source=ADDV-054\_Exec\_Assignments#page19.tif  
source=ADDV-054\_Exec\_Assignments#page20.tif  
source=ADDV-054\_Exec\_Assignments#page21.tif

ASSIGNMENT OF APPLICATION (JOINT)

THIS ASSIGNMENT, by Jason E. Bryant, residing in Eliot, Maine, Daniel P. Casazza, residing in Salem, New Hampshire, Daniel J. Harris, residing in Deerfield, New Hampshire, Brett W. Johnson, residing in Naperville, Illinois, Sonal Sadaria Nana, residing in Chicago, Illinois, Timothy J. Patno, residing in Barrington, Illinois, Frank Pawlowski, residing in Amherst, New Hampshire, David M. Peters, residing in Libertyville, Illinois, Joseph P. Skinner, residing in Libertyville, Illinois, and Mark Talmer, residing in Pepperell, Massachusetts, (hereinafter referred to as the assignors), witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"Systems and Methods for Automated Analysis"

- X filed on March 15, 2017 as U.S. Application Serial No. 15/460,157; and
X filed on March 15, 2017 as International Application Serial No. PCT/US2017/022597.

WHEREAS, Abbott Molecular Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1300 E. Touhy Avenue, Des Plaines, Illinois 60018 (hereinafter referred to as the assignee) is desirous of acquiring said assignors' right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignors' right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date 11/13/2017 Name of Inventor Jason E. Bryant

Date Name of Inventor Daniel P. Casazza

Date Name of Inventor Daniel J. Harris

Date Name of Inventor Brett W. Johnson

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. ADDV-054/ADDV-054WO  
(USSN 15/460,157/PCT/US2017/022597)  
Page 2 of 3

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Sonal Sadaria Nana

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Timothy J. Patno

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Frank Pawlowski

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
David M. Peters

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Joseph P. Skinner

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Mark Talmer

ASSIGNMENT OF APPLICATION (JOINT)

THIS ASSIGNMENT, by Jason E. Bryant, residing in Eliot, Maine, Daniel P. Casazza, residing in Salem, New Hampshire, Daniel J. Harris, residing in Deerfield, New Hampshire, Brett W. Johnson, residing in Naperville, Illinois, Sonal Sadaria Nana, residing in Chicago, Illinois, Timothy J. Patno, residing in Barrington, Illinois, Frank Pawlowski, residing in Amherst, New Hampshire, David M. Peters, residing in Libertyville, Illinois, Joseph P. Skinner, residing in Libertyville, Illinois, and Mark Talmer, residing in Pepperell, Massachusetts, (hereinafter referred to as the assignors), witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"Systems and Methods for Automated Analysis"

- X filed on March 15, 2017 as U.S. Application Serial No. 15/460,157; and
X filed on March 15, 2017 as International Application Serial No. PCT/US2017/022597.

WHEREAS, Abbott Molecular Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1300 E. Touhy Avenue, Des Plaines, Illinois 60018 (hereinafter referred to as the assignee) is desirous of acquiring said assignors' right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignors' right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date \_\_\_\_\_ Name of Inventor Jason E. Bryant

Date 11-13-2017 Name of Inventor Daniel P. Casazza

Date \_\_\_\_\_ Name of Inventor Daniel J. Harris

Date \_\_\_\_\_ Name of Inventor Brett W. Johnson

**ASSIGNMENT OF APPLICATION (JOINT)**

Atty Docket No. ADDV-054/ADDV-054WO  
(USSN 15/460,157/PCT/US2017/022597)  
Page 2 of 3

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Sonal Sadaria Nana

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Timothy J. Patno

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Frank Pawlowski

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
David M. Peters

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Joseph P. Skinner

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Mark Talmer

ASSIGNMENT OF APPLICATION (JOINT)

THIS ASSIGNMENT, by Jason E. Bryant, residing in Eliot, Maine, Daniel P. Casazza, residing in Salem, New Hampshire, Daniel J. Harris, residing in Deerfield, New Hampshire, Brett W. Johnson, residing in Naperville, Illinois, Sonal Sadaria Nana, residing in Chicago, Illinois, Timothy J. Patno, residing in Barrington, Illinois, Frank Pawlowski, residing in Amherst, New Hampshire, David M. Peters, residing in Libertyville, Illinois, Joseph P. Skinner, residing in Libertyville, Illinois, and Mark Talmer, residing in Pepperell, Massachusetts, (hereinafter referred to as the assignors), witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"Systems and Methods for Automated Analysis"

- X filed on March 15, 2017 as U.S. Application Serial No. 15/460,157; and
X filed on March 15, 2017 as International Application Serial No. PCT/US2017/022597.

WHEREAS, Abbott Molecular Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1300 E. Touhy Avenue, Des Plaines, Illinois 60018 (hereinafter referred to as the assignee) is desirous of acquiring said assignors' right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignors' right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date Name of Inventor Jason E. Bryant

Date Name of Inventor Daniel P. Casazza

Date 11/13/2017 Name of Inventor Daniel J. Harris

Date Name of Inventor Brett W. Johnson

**ASSIGNMENT OF APPLICATION (JOINT)**

Atty Docket No. ADDV-054/ADDV-054WO  
(USSN 15:460,157/PCT/US2017/022597)  
Page 2 of 3

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Sonal Sadaria Nana

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Timothy J. Patno

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Frank Pawlowski

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
David M. Peters

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Joseph P. Skinner

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Mark Talmer



ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. ADDV-054/ADDV-054WO

Page 1 of 3

THIS ASSIGNMENT, by Jason E. Bryant, residing in Elliot, Maine, Daniel P. Casazza, residing in Salem, New Hampshire, Daniel J. Harris, residing in Deerfield, New Hampshire, Brett W. Johnson, residing in Naperville, Illinois, Sonal Sadaria Nana, residing in Chicago, Illinois, Timothy J. Patno, residing in Barrington, Illinois, Frank Pawlowski, residing in Amherst, New Hampshire, David M. Peters, residing in Libertyville, Illinois, Joseph P. Skinner, residing in Libertyville, Illinois, and Mark Talmer, residing in Pepperell, Massachusetts, (hereinafter referred to as the assignors), witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"Systems and Methods for Automated Analysis"

- X filed on March 15, 2017 as U.S. Application Serial No. 15/460,157; and
X filed on March 15, 2017 as International Application Serial No. PCT/US2017/022597.

WHEREAS, Abbott Molecular Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1300 E. Touhy Avenue, Des Plaines, Illinois 60018 (hereinafter referred to as the assignee) is desirous of acquiring said assignors' right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignors' right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date Name of Inventor Jason E. Bryant

Date Name of Inventor Daniel P. Casazza

Date Name of Inventor Daniel J. Harris

Date 12/2/2017 Name of Inventor Brett W. Johnson

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. ADDV-054/ADDV-054WO  
(USSN 15/460,157/PCT/US2017/022597)  
Page 2 of 3

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Sonal Sadaria Nana

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Timothy J. Patno

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Frank Pawlowski

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
David M. Peters

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Joseph P. Skinner

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Mark Falmer

ASSIGNMENT OF APPLICATION (JOINT)

THIS ASSIGNMENT, by Jason E. Bryant, residing in Eliot, Maine, Daniel P. Casazza, residing in Salem, New Hampshire, Daniel J. Harris, residing in Deerfield, New Hampshire, Brett W. Johnson, residing in Naperville, Illinois, Sonal Sadaria Nana, residing in Chicago, Illinois, Timothy J. Patno, residing in Barrington, Illinois, Frank Pawlowski, residing in Amherst, New Hampshire, David M. Peters, residing in Libertyville, Illinois, Joseph P. Skinner, residing in Libertyville, Illinois, and Mark Talmer, residing in Pepperell, Massachusetts, (hereinafter referred to as the assignors), witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"Systems and Methods for Automated Analysis"

- X filed on March 15, 2017 as U.S. Application Serial No. 15/460,157; and
X filed on March 15, 2017 as International Application Serial No. PCT/US2017/022597.

WHEREAS, Abbott Molecular Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1300 E. Touhy Avenue, Des Plaines, Illinois 60018 (hereinafter referred to as the assignee) is desirous of acquiring said assignors' right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignors' right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date Name of Inventor Jason E. Bryant

Date Name of Inventor Daniel P. Casazza


Date Name of Inventor Daniel J. Harris

Date Name of Inventor Brett W. Johnson

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. ADDV-054/ADDV-054WO  
(USSN 15/460,157/PCT/US2017/022597)  
Page 2 of 3

Date 11/20/2017

Name of Inventor   
Sonal Sadaria Nana

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
Timothy J. Patno

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
Frank Pawlowski

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
David M. Peters

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
Joseph P. Skinner

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
Mark Talmor

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. ADDV-054/ADDV-054WO

Page 1 of 3

THIS ASSIGNMENT, by Jason E. Bryant, residing in Eliot, Maine, Daniel P. Casazza, residing in Salem, New Hampshire, Daniel J. Harris, residing in Deerfield, New Hampshire, Brett W. Johnson, residing in Naperville, Illinois, Sonal Sadaria Nana, residing in Chicago, Illinois, Timothy J. Patno, residing in Barrington, Illinois, Frank Pawlowski, residing in Amherst, New Hampshire, David M. Peters, residing in Libertyville, Illinois, Joseph P. Skinner, residing in Libertyville, Illinois, and Mark Talmer, residing in Pepperell, Massachusetts, (hereinafter referred to as the assignors), witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"Systems and Methods for Automated Analysis"

- X filed on March 15, 2017 as U.S. Application Serial No. 15/460,157; and
X filed on March 15, 2017 as International Application Serial No. PCT/US2017/022597.

WHEREAS, Abbott Molecular Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1300 E. Touhy Avenue, Des Plaines, Illinois 60018 (hereinafter referred to as the assignee) is desirous of acquiring said assignors' right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignors' right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Jason E. Bryant

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Daniel P. Casazza

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Daniel J. Harris

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Brett W. Johnson

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. ADDV-054/ADDV-054WO  
(USSN 15/460,157/PCT/US2017/022597)  
Page 2 of 3

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Sonali Sadaria Nana

Date Nov. 10, 2017 Name of Inventor Timothy J. Patno  
Timothy J. Patno

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Frank Pawlowski

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
David M. Peters

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Joseph P. Skinner

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Mark Talmer

ASSIGNMENT OF APPLICATION (JOINT)

THIS ASSIGNMENT, by Jason E. Bryant, residing in Eliot, Maine, Daniel P. Casazza, residing in Salem, New Hampshire, Daniel J. Harris, residing in Deerfield, New Hampshire, Brett W. Johnson, residing in Naperville, Illinois, Sonal Sadaria Nana, residing in Chicago, Illinois, Timothy J. Patno, residing in Barrington, Illinois, Frank Pawlowski, residing in Amherst, New Hampshire, David M. Peters, residing in Libertyville, Illinois, Joseph P. Skinner, residing in Libertyville, Illinois, and Mark Talmer, residing in Pepperell, Massachusetts, (hereinafter referred to as the assignors), witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"Systems and Methods for Automated Analysis"

- X filed on March 15, 2017 as U.S. Application Serial No. 15/460,157; and
X filed on March 15, 2017 as International Application Serial No. PCT/US2017/022597.

WHEREAS, Abbott Molecular Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1300 E. Touhy Avenue, Des Plaines, Illinois 60018 (hereinafter referred to as the assignee) is desirous of acquiring said assignors' right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignors' right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date Name of Inventor Jason E. Bryant

Date Name of Inventor Daniel P. Casazza

Date Name of Inventor Daniel J. Harris

Date Name of Inventor Brett W. Johnson

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. ADDV-054/ADDV-054WO  
(USSN 15/460,157/PCT/US2017/022597)  
Page 2 of 3

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Sonal Sadaria Nana

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Timothy J. Patno

Date 11/13/17 Name of Inventor Frank Pawlowski  
Frank Pawlowski

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
David M. Peters

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Joseph P. Skinner

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Mark Talmer



ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. ADDV-054/ADDV-054WO

Page 1 of 3

THIS ASSIGNMENT, by Jason E. Bryant, residing in Eliot, Maine, Daniel P. Casazza, residing in Salem, New Hampshire, Daniel J. Harris, residing in Deerfield, New Hampshire, Brett W. Johnson, residing in Naperville, Illinois, Sonal Sadaria Nana, residing in Chicago, Illinois, Timothy J. Patno, residing in Barrington, Illinois, Frank Pawlowski, residing in Amherst, New Hampshire, David M. Peters, residing in Libertyville, Illinois, Joseph P. Skinner, residing in Libertyville, Illinois, and Mark Talmer, residing in Pepperell, Massachusetts, (hereinafter referred to as the assignors), witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

“Systems and Methods for Automated Analysis”

- X filed on March 15, 2017 as U.S. Application Serial No. 15/460,157; and
X filed on March 15, 2017 as International Application Serial No. PCT/US2017/022597.

WHEREAS, Abbott Molecular Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1300 E. Touhy Avenue, Des Plaines, Illinois 60018 (hereinafter referred to as the assignee) is desirous of acquiring said assignors’ right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignors’ right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Jason E. Bryant

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Daniel P. Casazza

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Daniel J. Harris

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Brett W. Johnson

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. ADDV-054/ADDV-054WO  
(USSN 15/460,157/PCT/US2017/022597)  
Page 2 of 3

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Sonal Sadaria Nana

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Timothy J. Patno

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Frank Pawlowski

Date 27 Nov 2017 Name of Inventor \_\_\_\_\_  
David M. Peters

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Joseph P. Skinner

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Mark Talmer

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. ADDV-054/ADDV-054WO

Page 1 of 3

THIS ASSIGNMENT, by Jason E. Bryant, residing in Eliot, Maine, Daniel P. Casazza, residing in Salem, New Hampshire, Daniel J. Harris, residing in Deerfield, New Hampshire, Brett W. Johnson, residing in Naperville, Illinois, Sonal Sadaria Nana, residing in Chicago, Illinois, Timothy J. Patno, residing in Barrington, Illinois, Frank Pawlowski, residing in Amherst, New Hampshire, David M. Peters, residing in Libertyville, Illinois, Joseph P. Skinner, residing in Libertyville, Illinois, and Mark Talmer, residing in Pepperell, Massachusetts, (hereinafter referred to as the assignors), witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"Systems and Methods for Automated Analysis"

- X filed on March 15, 2017 as U.S. Application Serial No. 15/460,157; and
X filed on March 15, 2017 as International Application Serial No. PCT/US2017/022597.

WHEREAS, Abbott Molecular Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1300 E. Touhy Avenue, Des Plaines, Illinois 60018 (hereinafter referred to as the assignee) is desirous of acquiring said assignors' right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignors' right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Jason E. Bryant

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Daniel P. Casazza

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Daniel J. Harris

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Brett W. Johnson

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. ADDV-054/ADDV-054WO  
(USSN 15/460,157/PCT/US2017/022597)

Page 2 of 3

Date \_\_\_\_\_ Name of Inventor Sonal Sadaria Nana

Date \_\_\_\_\_ Name of Inventor Timothy J. Patno

Date \_\_\_\_\_ Name of Inventor Frank Pawlowski

Date \_\_\_\_\_ Name of Inventor David M. Peters

Date 11/27/17 Name of Inventor   
Joseph P. Skinner

Date \_\_\_\_\_ Name of Inventor Mark Talmer

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. ADDV-054/ADDV-054WO

Page 1 of 3

THIS ASSIGNMENT, by Jason E. Bryant, residing in Eliot, Maine, Daniel P. Casazza, residing in Salem, New Hampshire, Daniel J. Harris, residing in Deerfield, New Hampshire, Brett W. Johnson, residing in Naperville, Illinois, Sonal Sadaria Nana, residing in Chicago, Illinois, Timothy J. Patno, residing in Barrington, Illinois, Frank Pawlowski, residing in Amherst, New Hampshire, David M. Peters, residing in Libertyville, Illinois, Joseph F. Skinner, residing in Libertyville, Illinois, and Mark Talmer, residing in Pepperell, Massachusetts, (hereinafter referred to as the assignors), witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"Systems and Methods for Automated Analysis"

- X filed on March 15, 2017 as U.S. Application Serial No. 15/460,157; and
X filed on March 15, 2017 as International Application Serial No. PCT/US2017/022597

WHEREAS, Abbott Molecular Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1300 E. Touhy Avenue, Des Plaines, Illinois 60018 (hereinafter referred to as the assignee) is desirous of acquiring said assignors' right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignors' right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Jason E. Bryant

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Daniel P. Casazza

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Daniel J. Harris

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_
Brett W. Johnson

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. ADDV-054/ADDV-054WO  
(USSN 15/460,157/PCT/US2017/022597)  
Page 2 of 3

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Sonal Sadaria Nana

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Timothy J. Patno

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Frank Pawlowski

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
David M. Peters

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
Joseph P. Skinner

Date 11/14/2017 Name of Inventor \_\_\_\_\_  
Mark Talmer

**ASSIGNMENT OF APPLICATION (JOINT)**

Atty Docket No. ADDV-054/ADDV-054WO  
(USSN 15/460,157/PCT/US2017/022597)  
Page 3 of 3

**Hereby accepted on behalf of the assignee**



Signature

December 2, 2017

Edward J. Baba

Date

Name (print)

Patent Attorney, Bozicevic, Field & Francis LLP

Title and Company