

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4613268

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| AARON WEBER | 09/18/2017 |
| DAVID TRACY | 09/19/2017 |
| JAMES SALEMME | 09/23/2017 |
| JOHN PRUDDEN | 09/25/2017 |
| RECEIVING PARTY DATA | |
| Name: | BECTON, DICKINSON AND COMPANY |
| Street Address: | 1 BECTON DRIVE |
| City: | FRANKLIN LAKES |
| State/Country: | NEW JERSEY |
| Postal Code: | 07417 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14762447 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <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> | |
| Email: | cmichel@dickinsonwright.com, spantano@dickinsonwright.com |
| Correspondent Name: | DICKINSON WRIGHT PLLC |
| Address Line 1: | 1825 EYE STREET, N.W., SUITE 900 |
| Address Line 4: | WASHINGTON, D.C. 20006 |
| ATTORNEY DOCKET NUMBER: | 66810-1433 |
| NAME OF SUBMITTER: | CHRISTIAN C MICHEL |
| SIGNATURE: | /christian c michel/ |
| DATE SIGNED: | 09/26/2017 |
| Total Attachments: 6 | |
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PATENT

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ASSIGNMENT

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|-------------|-------------------|--------|------------------|
| Serial No.: | 61/755,296 | Filed: | January 22, 2013 |
| Serial No.: | PCT/US2014/012365 | Filed: | January 21, 2014 |
| Serial No.: | 14/762,447 | Filed: | July 21, 2015 |

WHEREAS, Aaron Weber, a citizen of the United States of America, residing at 12 Thorndike Street, Arlington, Massachusetts 02474; David Tracy, a citizen of the United States of America, residing at 2805 Wedgewood Drive, Champaign, Illinois 61822; James Salemme, a citizen of the United States of America, residing at 79 Castlewood Drive, Billerica, Massachusetts 01821; and John Prudden, a citizen of the United States of America, residing at 6 Harold Street, Manchester, Massachusetts 01944; (hereinafter called "Assignor(s)"), have made certain new and useful inventions or discoveries relating to:

REDUCED SIZE OPTICAL COUPLER FOR FLUORESCENCE DETECTION

for which they have executed a Declaration for an application for Letters Patent of the United States of America; and

WHEREAS, BECTON, DICKINSON AND COMPANY, a corporation of the State of New Jersey, whose address is One Becton Drive, Franklin Lakes, New Jersey 07417 (hereinafter called "Assignee"), is desirous of acquiring the entire right, title and interest therein.

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the premises and in acknowledgment, confirmation and performance of obligations which arose out of the terms and conditions of Assignors' employment by Assignee at the time the invention was made, and other valuable considerations to them, the receipt and sufficiency of which are hereby acknowledged, Assignors have assigned, and transferred, and do hereby assign, and transfer unto said Assignee the entire right, title, and interest in and to all said inventions and discoveries disclosed in said applications, whose identification above by serial numbers and filing dates, when available, is hereby authorized, and in and to said applications, all substitutions, divisions, provisionals, conversions of provisionals, continuations, and continuations-in-part thereof, and in and to all Letters Patents, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made; and

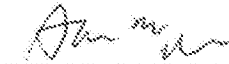
Assignors hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue said Letters Patent in accordance with this Agreement; and

For the consideration aforesaid, Assignors covenant and agree with said Assignee that they have a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns; and

For the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its

representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection of the inventions and discoveries or that may be necessary to vest in Assignee the complete title to the inventions and discoveries and patents hereby conveyed and to enable it to record title.

IN TESTIMONY WHEREOF, Assignor has hereunto set his/her hand and seal on the date subscribed below.



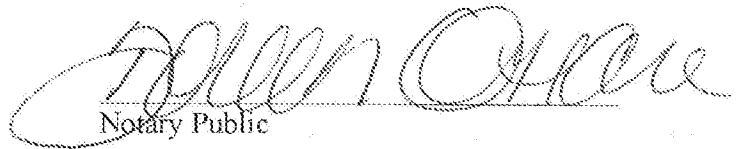
Aaron Weber

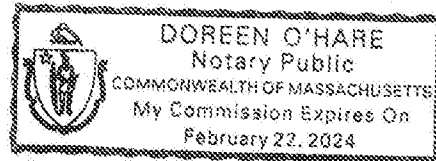
DATE: 9/18/17

STATE OF

COUNTY OF

BE IT REMEMBERED, That on this 18 day of September, 2017, before me, a Notary Public, personally appeared Aaron Weber, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed.


Notary Public



IN TESTIMONY WHEREOF, Assignor has hereunto set his/her hand and seal on the date subscribed below.

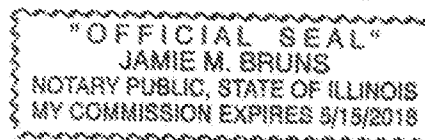
David H Tracy
David Tracy

DATE: 9/19/17


STATE OF Illinois
COUNTY OF Champaign

BE IT REMEMBERED, That on this 19th day of September, 2017, before me, a Notary Public, personally appeared David Tracy, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed.

Jamie M. Bruns
Notary Public



IN TESTIMONY WHEREOF, Assignor has hereunto set his/her hand and seal on the date subscribed below.


James Salemme

DATE: 9/23/2017

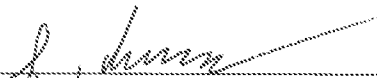
STATE OF

COUNTY OF

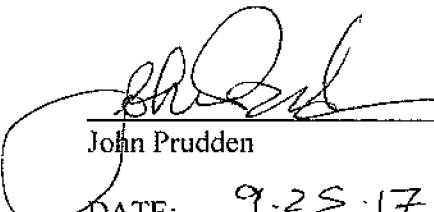
BE IT REMEMBERED, That on this 23rd day of September, 2017, before me, a Notary Public, personally appeared James Salemme, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed.



SERGIO RAMOS
Notary Public
Commonwealth of Massachusetts
My Commission Expires
September 10, 2021


Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his/her hand and seal on the date subscribed below.





John Prudden
DATE: 9.25.17

STATE OF

COUNTY OF

BE IT REMEMBERED, That on this 25 day of September, 2017, before me, a Notary Public, personally appeared John Prudden, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed.



Notary Public
 GABRIEL RODRIGUEZ
Notary Public
Commonwealth of Massachusetts
My Comm. Ex. 22,2019