PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5001400

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| YUAN WANG | 11/19/2009 |
| SERBAN PETEU | 11/11/2009 |
| SWETHA CHINNAYELKA | 11/13/2009 |
| JIANGFENG FEI | 11/13/2009 |
| NARASINHA PARASNIS | 11/18/2009 |

RECEIVING PARTY DATA

| Name: | BAYER HEALTHCARE LLC |
|-----------------|-----------------------|
| Street Address: | 555 WHITE PLAINS ROAD |
| City: | TARRYTOWN |
| State/Country: | NEW YORK |
| Postal Code: | 10591 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14879817 |

CORRESPONDENCE DATA

Fax Number: (914)579-2201

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.

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BRIAN M. DUGAN, DUGAN & DUGAN, PC **Correspondent Name:**

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SUITE 309 Address Line 2:

Address Line 4: HAWTHORNE, NEW YORK 10532

| Total Attackments O | | |
|-------------------------|----------------------------------|--|
| DATE SIGNED: | IGNED: 06/11/2018 | |
| SIGNATURE: | /Garry J. Tuma, Reg. No. 40,210/ | |
| NAME OF SUBMITTER: | GARRY J. TUMA | |
| ATTORNEY DOCKET NUMBER: | BHDD-006/PCT/US/C01 | |

Total Attachments: 3

PATENT REEL: 046049 FRAME: 0700 source=240564#page1.tif source=240564#page2.tif source=240564#page3.tif

> PATENT REEL: 046049 FRAME: 0701

Case No: BHDD-006 (MOI-08DC011)

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

- Yuan Wang
 75 Bellvale Road
 Mountain Lakes, NJ 07046
- Serban Peteu
 705 Cherry Lane
 Apt 105
 East Lansing, Michigan 48823
- Swetha Chinnayelka
 177 White Plains Rd, Apt # 71E
 Tarrytown, NY 10591
- Jiangfeng Fei
 7 Edgewood Street Apt 2F
 White Plains, NY 10604
- Narasinha Parasnis
 88 Sullivan Farm
 New Milford, CT 06776

(hereinafter referred to as Assignors), have invented a certain invention for which applications for Letters Patent were filed:

in the United States under U.S. Provisional Patent Application Serial No. 61/098,726 on September 19, 2008, and entitled ANALYTE SENSORS, SYSTEMS AND MANUFACTURING METHODS; and

under the Patent Cooperation Treaty (PCT) under Patent Application Serial No. PCT/US09/057372, filed on September 18, 2009, and entitled ANALYTE SENSORS, SYSTEMS, TESTING APPARATUS AND MANUFACTURING METHODS.

WHEREAS, Bayer Healthcare LLC, a corporation of the State of Delaware, having a place of business at 555 White Plains Road, Tarrytown, NY 10591 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as the Application), and the invention disclosed therein (hereinafter referred to as the Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as the Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and

PATENT REEL: 046049 FRAME: 0702 every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

| Dated: | 11/19/2009 | |
|--------|-------------|-----------------------------------|
| | | Yuan Wang |
| Dated: | | Serban Peteu |
| Dated: | 11/13 2009 | Swetha Chinnayelka |
| Dated: | 14/13/2009 | |
| Dated: | 18-Noj-2009 | Jiangfeng Péi Narasulfis Parasnis |

every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

| Dated: | | | \$1 |
|--------|---|---|--------------------|
| | | THE REPORT OF THE PROPERTY OF | Yuan Wang |
| | | | |
| Dated: | 11.11.2009 | MAAAAAAA | Adw |
| | | | Serban Peteu |
| | | | |
| Dated: | X | | |
| | | | Swetha Chinnayelka |
| | | | |
| Dated: | | | -A |
| | | | Jiangfeng Fei |
| | | | |
| Dated: | *************************************** | EXAMPARANA CONTRACTOR | |
| | | | Narasinha Parasnis |