

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:   | NEW ASSIGNMENT        |               |                      |                     |                       |                |            |                |          |              |       |
|--|-----------------------|---------------|----------------------|---------------------|-----------------------|----------------|------------|----------------|----------|--------------|-------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT            |               |                      |                     |                       |                |            |                |          |              |       |
| CONVEYING PARTY DATA   |                       |               |                      |                     |                       |                |            |                |          |              |       |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Swetha Chinnayelka</td> <td>08/23/2012</td> </tr> <tr> <td>Paul M. Ripley</td> <td>07/30/2012</td> </tr> </tbody> </table>   |                       | Name          | Execution Date       | Swetha Chinnayelka  | 08/23/2012            | Paul M. Ripley | 07/30/2012 |                |          |              |       |
| Name   | Execution Date        |               |                      |                     |                       |                |            |                |          |              |       |
| Swetha Chinnayelka   | 08/23/2012            |               |                      |                     |                       |                |            |                |          |              |       |
| Paul M. Ripley   | 07/30/2012            |               |                      |                     |                       |                |            |                |          |              |       |
| RECEIVING PARTY DATA   |                       |               |                      |                     |                       |                |            |                |          |              |       |
| <table border="1"> <tr> <td>Name:</td> <td>Bayer Healthcare LLC</td> </tr> <tr> <td>Street Address:</td> <td>555 White Plains Road</td> </tr> <tr> <td>City:</td> <td>Tarrytown</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10591</td> </tr> </table>   |                       | Name:         | Bayer Healthcare LLC | Street Address:     | 555 White Plains Road | City:          | Tarrytown  | State/Country: | NEW YORK | Postal Code: | 10591 |
| Name:  | Bayer Healthcare LLC  |               |                      |                     |                       |                |            |                |          |              |       |
| Street Address:  | 555 White Plains Road |               |                      |                     |                       |                |            |                |          |              |       |
| City:  | Tarrytown             |               |                      |                     |                       |                |            |                |          |              |       |
| State/Country:   | NEW YORK              |               |                      |                     |                       |                |            |                |          |              |       |
| Postal Code:   | 10591                 |               |                      |                     |                       |                |            |                |          |              |       |
| PROPERTY NUMBERS Total: 1  |                       |               |                      |                     |                       |                |            |                |          |              |       |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13515678</td> </tr> </tbody> </table>  |                       | Property Type | Number               | Application Number: | 13515678              |                |            |                |          |              |       |
| Property Type  | Number                |               |                      |                     |                       |                |            |                |          |              |       |
| Application Number:  | 13515678              |               |                      |                     |                       |                |            |                |          |              |       |
| CORRESPONDENCE DATA  |                       |               |                      |                     |                       |                |            |                |          |              |       |
| <p>Fax Number: 9145792201<br/> <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i><br/>         Phone: (914) 579-2200<br/>         Email: DuganEmail@duganpatent.com<br/>         Correspondent Name: Brian M. Dugan, Dugan &amp; Dugan, PC<br/>         Address Line 1: 245 Saw Mill River Rd., Ste. 309<br/>         Address Line 4: Hawthome, NEW YORK 10532</p> |                       |               |                      |                     |                       |                |            |                |          |              |       |
| ATTORNEY DOCKET NUMBER:  | 07DC007 (BHDD/031)    |               |                      |                     |                       |                |            |                |          |              |       |
| NAME OF SUBMITTER:   | Brian M. Dugan        |               |                      |                     |                       |                |            |                |          |              |       |
| <p>Total Attachments: 8<br/>         source=108842#page1.tif<br/>         source=108842#page2.tif<br/>         source=108842#page3.tif<br/>         source=108842#page4.tif<br/>         source=108842#page5.tif<br/>         source=108842#page6.tif<br/>         source=108842#page7.tif<br/>         source=108842#page8.tif</p>  |                       |               |                      |                     |                       |                |            |                |          |              |       |

OP \$40.00 13515678

**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

Names and Addresses of Inventors:

1. Swetha Chinnayelka  
33 Lampton Drive  
Derry, NH 03038
  
2. Paul M. Ripley  
80 Eagle Ridge Way  
Nanuet, NY 10954

(hereinafter referred to as Assignors), have invented a certain invention entitled:

**TRANSDERMAL SYSTEMS, DEVICES, AND METHODS TO OPTICALLY ANALYZE AN ANALYTE**

for which application for Letters Patent in the United States was filed June 13, 2012 under Serial No. 13/515,678; and

WHEREAS, Bayer Healthcare LLC, a legal entity organized under the laws 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 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, re-examination, 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 reexamination or 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 on the following pages:

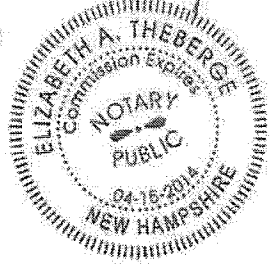
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 23 day of August 2012

Swetha Chinnayelka  
Name: Swetha Chinnayelka  
Address: 33 Lampton Drive  
Derry, NH 03038

State of New Hampshire ) ss.:  
County of Rochester

On this 23 day of August 2012, before me, a Notary Public, in and for the State and County aforesaid, personally appeared Swetha Chinnayelka, known by me to be the person of the above name who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

Elizabeth A. Theberge  
Notary Public  
My Commission expires:  
4-15-2014



IN WITNESS WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_ 2012

\_\_\_\_\_  
Name: Paul M. Ripley  
Address: 80 Eagle Ridge Way  
Nanuet, NY 10954

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_ 2012, before me, a Notary Public, in and for the State and County aforesaid, personally appeared Paul M. Ripley, known by me to be the person of the above name who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

\_\_\_\_\_  
Notary Public  
My Commission expires:

**ASSIGNMENT FOR APPLICATION FOR PATENT**

**WHEREAS:**

**Names and Addresses of Inventors:**

1. Swetha Chinnayelka  
33 Lampton Drive  
Derry, NH 03038
  
2. Paul M. Ripley  
80 Eagle Ridge Way  
Nanuet, NY 10954

(hereinafter referred to as Assignors), have invented a certain invention entitled:

**TRANSDERMAL SYSTEMS, DEVICES, AND METHODS TO OPTICALLY ANALYZE AN ANALYTE**

for which application for Letters Patent in the United States was filed June 13, 2012 under Serial No. 13/515,678; and

WHEREAS, Bayer Healthcare LLC, a legal entity organized under the laws 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 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, re-examination, 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 reexamination or 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 on the following pages:

IN WITNESS WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_ 2012

Name: Swetha Chinnayelka  
Address: 33 Lampton Drive  
Derry, NH 03038

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.:

On this \_\_\_\_\_ day of \_\_\_\_\_ 2012, before me, a Notary Public, in and for the State and County aforesaid, personally appeared Swetha Chinnayelka, known by me to be the person of the above name who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

Notary Public  
My Commission expires:



IN WITNESS WHEREOF, I have hereunto set my hand and seal this 30<sup>th</sup> day of JULY 2012

*Paul M. Ripley*

Name: Paul M. Ripley  
Address: 80 Eagle Ridge Way  
Nanuet, NY 10954

State of NY )  
County of Putnam ) ss.:

On this 30<sup>th</sup> day of July 2012, before me, a Notary Public, in and for the State and County aforesaid, personally appeared Paul M. Ripley, known by me to be the person of the above name who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

*Rosanne M. Perruzza*

Notary Public  
My Commission expires:

ROSANNE M. PERRUZZA  
Notary Public, State of New York  
No. 01PE6155988  
Qualified in Putnam County  
Commission Expires Nov. 20, 2010

2014 *mmp*