

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3333634

|   |                                |
|---|--------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                 |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                     |
| <b>CONVEYING PARTY DATA</b>   |                                |
| <b>Name</b>   | <b>Execution Date</b>          |
| ANGELICA MARIA SANCHEZ GARCIA   | 01/14/2015                     |
| ELIZABETH SIMS  | 01/15/2015                     |
| SEAN S. SULLIVAN  | 04/10/2015                     |
| GEARY J. GRAHAM   | 01/13/2015                     |
| HAJIME KAMBARA  | 04/21/2015                     |
| <b>RECEIVING PARTY DATA</b>   |                                |
| <b>Name:</b>  | CABOT CORPORATION              |
| <b>Street Address:</b>  | TWO SEAPORT LANE               |
| <b>Internal Address:</b>  | SUITE 1300                     |
| <b>City:</b>  | BOSTON                         |
| <b>State/Country:</b>   | MASSACHUSETTS                  |
| <b>Postal Code:</b>   | 02210                          |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                |
| <b>Property Type</b>  | <b>Number</b>                  |
| <b>PCT Number:</b>  | US2013031274                   |
| <b>CORRESPONDENCE DATA</b>  |                                |
| <b>Fax Number:</b>  | (978)670-8027                  |
| <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>   | 978-670-7027                   |
| <b>Email:</b>   | iplaw@cabotcorp.com            |
| <b>Correspondent Name:</b>  | VALARIE B. ROSEN               |
| <b>Address Line 1:</b>  | CABOT CORPORATION              |
| <b>Address Line 2:</b>  | 157 CONCORD ROAD               |
| <b>Address Line 4:</b>  | BILLERICA, MASSACHUSETTS 01821 |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 2012201                        |
| <b>NAME OF SUBMITTER:</b>   | VALARIE B. ROSEN               |
| <b>SIGNATURE:</b>   | /Valarie B. Rosen/             |
| <b>DATE SIGNED:</b>   | 04/30/2015                     |

**Total Attachments: 7**

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**ASSIGNMENT**

**WHEREAS**, we, Angelica Maria Sanchez Garcia of Birmingham, Michigan, USA; Elizabeth Sims of Bedford, Massachusetts, USA; Sean S. Sullivan of Lynn, Massachusetts, USA; Geary J. Graham of Savoy, Illinois, USA; and Hajime Kambara of Westford, Massachusetts, USA, having invented the subject matter described in Patent Application entitled "TREATED FUMED SILICA," the specification of which was filed on March 14, 2013 as PCT Patent Application Serial Number PCT/US2013/031274; and September 23, 2014 as United States Patent Application Serial No. 14/387,334; and

**WHEREAS**, Cabot Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, doing business at Two Seaport Lane, Suite 1300, Boston, Massachusetts 02210, is desirous of acquiring the entire right, title and interest in and to said application and the invention therein described and claimed and any Letters Patent that may be issued upon said application or for the improvements therein contained.

**NOW THEREFORE**, for and in consideration of the sum of One Dollar (\$1.00) lawful money of the United States and other valuable considerations, in hand paid to us, the receipt and sufficiency whereof is hereby acknowledged, we, Angelica Maria Sanchez Garcia, Elizabeth Sims, Sean S. Sullivan, Geary J. Graham and Hajime Kambara, have sold, assigned and transferred and do hereby sell, assign and transfer unto Cabot Corporation, its successors and assigns, the entire right, title and interest in and to said application and the invention therein contained, including the right to apply for any Letters Patent in the United States of America and in any and all foreign countries on said invention, and any and all other applications for Letters Patent on said invention, in whatsoever countries, including all provisional, divisional, renewal, substitution, continuation, continuation-in-part, reissue, re-examination and Convention applications based upon said invention or upon said application, to the full end of the term or terms for which said Letters Patent may be issued, and every priority right that is or may be predicated upon or arise from said invention, said application and said Letters Patent, the same to be held and enjoyed by Cabot Corporation, its successors and assigns, the same as it would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby authorize Cabot Corporation, to file patent applications in any or all countries on any or all of said invention in our name or in the name of Cabot Corporation, or otherwise as Cabot Corporation, may deem advisable, under any International Convention or otherwise.

And we hereby authorize the Commissioner of Patents of the United States and the empowered officials of all other governments to issue or transfer all said Letters Patent to Cabot Corporation, as assignee of the entire right, title and interest therein or otherwise as Cabot Corporation, may direct, in accordance with this instrument of assignment.

We hereby represent and warrant that there are no rights or interests inconsistent with the rights and interests granted herein and that we will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interest granted herein, and that we, Angelica Maria Sanchez Garcia, Elizabeth Sims, Sean S. Sullivan, Geary J. Graham and Hajime Kambara, have sold, assigned and transferred and do hereby sell, assign and transfer unto Cabot Corporation, its successors and assigns, any further documents or instruments and do any and all further acts that may reasonably be deemed necessary by Cabot Corporation to enable Cabot Corporation, its successors or assigns, to file applications for the invention in any country where it may elect to file such applications, and that may be necessary to vest in Cabot Corporation, its successors and assigns, the title herein conveyed or intended so to be, and to enable such title to be recorded in the United States and foreign countries where such application or applications may be filed.

And we further covenant and agree, in consideration of the premises, that we, our executors and administrators, will at any time, upon request, communicate to Cabot Corporation, its successors and assigns, any facts relating to the invention and the improvements contained therein and the history thereof, known to us or our executors and administrators, and that we will testify as to the same in any interference or other litigation when requested so to do by Cabot Corporation, its successors and assigns.

IN TESTIMONY WHEREOF, I, Angelica Maria Sanchez Garcia, have hereunto set my hand and seal this 14<sup>th</sup> day of January, 2015.

Angelica Maria Sanchez Garcia  
Angelica Maria Sanchez Garcia

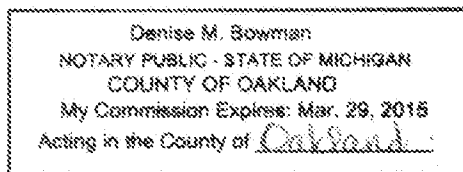
STATE OF MICHIGAN

)  
) ss.

COUNTY OF OAKLAND

)

On this 14<sup>th</sup> day of January, 2015, before me personally appeared Angelica Maria Sanchez Garcia, before me known and known to me to be the individual described herein and who executed the foregoing instrument, and s/he duly acknowledged to me that s/he executed the same for the purpose therein set forth.



Denise M. Bowman  
NOTARY PUBLIC  
My Commission Expires:

IN TESTIMONY WHEREOF, I, Elizabeth Sims, have hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Elizabeth Sims  
Elizabeth Sims

COMMONWEALTH OF MASSACHUSETTS

)  
) ss.

COUNTY OF MIDDLESEX

)

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Elizabeth Sims, before me known and known to me to be the individual described herein and who executed the foregoing instrument, and s/he duly acknowledged to me that s/he executed the same for the purpose therein set forth.

NOTARY PUBLIC  
My Commission Expires:

IN TESTIMONY WHEREOF, I, Angelica Maria Sanchez Garcia, have hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2\_\_\_\_\_.

\_\_\_\_\_  
Angelica Maria Sanchez Garcia

STATE OF MICHIGAN

)  
) ss.

COUNTY OF OAKLAND

)

On this \_\_\_\_\_ day of \_\_\_\_\_, 2\_\_\_\_\_, before me personally appeared **Angelica Maria Sanchez Garcia**, before me known and known to me to be the individual described herein and who executed the foregoing instrument, and s/he duly acknowledged to me that s/he executed the same for the purpose therein set forth.

\_\_\_\_\_  
**NOTARY PUBLIC**

My Commission Expires:

IN TESTIMONY WHEREOF, I, Elizabeth Sims, have hereunto set my hand and seal this 15 day of January, 2015.

Elizabeth Sims  
Elizabeth Sims

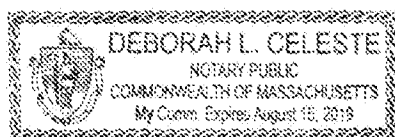
COMMONWEALTH OF MASSACHUSETTS

)  
) ss.

COUNTY OF MIDDLESEX

)

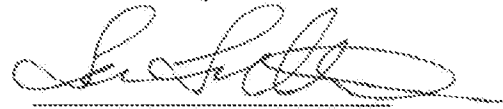
On this 15th day of January, 2015, before me personally appeared **Elizabeth Sims**, before me known and known to me to be the individual described herein and who executed the foregoing instrument, and s/he duly acknowledged to me that s/he executed the same for the purpose therein set forth.



Deborah L. Celeste  
**NOTARY PUBLIC**

My Commission Expires: 8-15-2019

IN TESTIMONY WHEREOF, I, Sean S. Sullivan, have hereunto set my hand and seal this  
10 day of April, 2015.

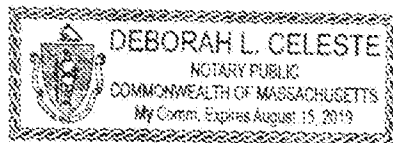
  
Sean S. Sullivan

COMMONWEALTH OF MASSACHUSETTS

)  
) ss.  
)

COUNTY OF MIDDLESEX

On this 10th day of April, 2015, before me personally appeared Sean S. Sullivan, before me known and known to me to be the individual described herein and who executed the foregoing instrument, and s/he duly acknowledged to me that s/he executed the same for the purpose therein set forth.



  
NOTARY PUBLIC  
My Commission Expires: 8-15-2019

IN TESTIMONY WHEREOF, I, Geary J. Graham, have hereunto set my hand and seal this  
\_\_\_\_\_ day of \_\_\_\_\_, 2\_\_\_\_\_.

\_\_\_\_\_  
Geary J. Graham

STATE OF ILLINOIS

)  
) ss.  
)

COUNTY OF CHAMPAIGN

On this \_\_\_\_\_ day of \_\_\_\_\_, 2\_\_\_\_\_, before me personally appeared Geary J. Graham, before me known and known to me to be the individual described herein and who executed the foregoing instrument, and s/he duly acknowledged to me that s/he executed the same for the purpose therein set forth.

\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: \_\_\_\_\_

IN TESTIMONY WHEREOF, I, Sean S. Sullivan, have hereunto set my hand and seal this  
\_\_\_\_ day of \_\_\_\_\_, 2.

\_\_\_\_\_  
Sean S. Sullivan

COMMONWEALTH OF MASSACHUSETTS )

) ss.

COUNTY OF MIDDLESEX )

On this \_\_\_\_ day of \_\_\_\_\_, 2, before me personally appeared Sean S. Sullivan, before me known and known to me to be the individual described herein and who executed the foregoing instrument, and s/he duly acknowledged to me that s/he executed the same for the purpose therein set forth.

\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires:

IN TESTIMONY WHEREOF, I, Geary J. Graham, have hereunto set my hand and seal this  
13 day of Jan, 2015.

\_\_\_\_\_  
Geary J. Graham

STATE OF ILLINOIS )

) ss.

COUNTY OF CHAMPAIGN )

On this 13 day of January, 2015, before me personally appeared Geary J. Graham, before me known and known to me to be the individual described herein and who executed the foregoing instrument, and s/he duly acknowledged to me that s/he executed the same for the purpose therein set forth.



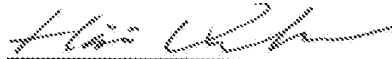
\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires:

May 23, 2016



IN TESTIMONY WHEREOF, I, **Hajime Kambara**, have hereunto set my hand and seal this  
21 day of April, 2015.

  
**Hajime Kambara**

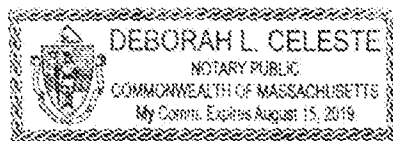
COMMONWEALTH OF MASSACHUSETTS

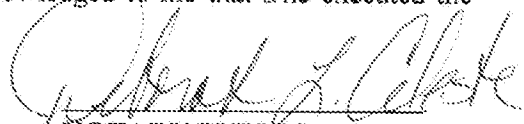
)  
) ss.

COUNTY OF MIDDLESEX

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On this 21<sup>st</sup> day of April, 2015, before me personally appeared **Hajime Kambara**, before me known and known to me to be the individual described herein and who executed the foregoing instrument, and s/he duly acknowledged to me that s/he executed the same for the purpose therein set forth.



  
**NOTARY PUBLIC**

My Commission Expires: 8-15-2019

Assignment