

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3563176

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BENNETT GREENWOOD	07/20/2014
QINGLING ZHANG	05/23/2014
RAVI SHARMA	06/18/2014
GEOFFREY D. MOESER	08/04/2014
RECEIVING PARTY DATA	
Name:	CABOT CORPORATION
Street Address:	TWO SEAPORT LANE
Internal Address:	SUITE 1300
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02210
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14771263
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	978-670-7027
Email:	iplaw@cabotcorp.com
Correspondent Name:	VALARIE B. ROSEN
Address Line 1:	CABOT CORPORATION
Address Line 2:	157 CONCORD ROAD
Address Line 4:	BILLERICA, MASSACHUSETTS 01821
ATTORNEY DOCKET NUMBER:	2013204
NAME OF SUBMITTER:	VALARIE B. ROSEN 45698
SIGNATURE:	/Valarie B. Rosen/
DATE SIGNED:	10/09/2015
Total Attachments: 8	

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ASSIGNMENT

WHEREAS, we, Qingling Zhang of Carlisle, Massachusetts, USA; Bennett Greenwood of Somerville, Massachusetts, USA; Ravi Sharma of Acton, Massachusetts USA; and Geoffrey D. Moeser of Groton, Massachusetts USA, having invented the subject matter described in the International Application entitled "COMPOSITE PARTICLES AND A PROCESS FOR MAKING THE SAME," the specification of which was filed on March 18, 2014, as International Application No. PCT/US14/31078; 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, Qingling Zhang, Bennett Greenwood, Ravi Sharma and Geoffrey D. Moeser, 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, Qingling Zhang, Bennett Greenwood, Ravi Sharma and Geoffrey D. Moeser, 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, **Qingling Zhang**, have hereunto set my hand and seal this ____ day of _____, 2____.

Qingling Zhang

COMMONWEALTH OF MASSACHUSETTS

)
) ss.
)

COUNTY OF MIDDLESEX

On this ____ day of _____, 2____, before me personally appeared **Qingling Zhang**, 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, **Bennett Greenwood**, have hereunto set my hand and seal this 20 day of July, 2014.

Bennett Greenwood

State of Maine
COMMONWEALTH OF MASSACHUSETTS

)
) ss.
)

COUNTY OF MIDDLESEX *Cumberland*

On this 20th day of July, 2014, before me personally appeared **Bennett Greenwood**, 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:

JUDITH A.F. WOODBURY
Notary Public, Maine
My Commission Expires October 31, 2019

IN TESTIMONY WHEREOF, I, **Ravi Sharma**, have hereunto set my hand and seal
this _____ day of _____, 2_____.

Ravi Sharma

COMMONWEALTH OF MASSACHUSETTS

)
) ss.

COUNTY OF MIDDLESEX

)

On this _____ day of _____, 2_____, before me personally appeared **Ravi Sharma**, 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, **Geoffrey D. Moeser**, have hereunto set my hand
and seal this _____ day of _____, 2_____.

Geoffrey D. Moeser

COMMONWEALTH OF MASSACHUSETTS

)
) ss.

COUNTY OF MIDDLESEX

)

On this _____ day of _____, 2_____, before me personally appeared **Geoffrey D. Moeser**, 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:

ASSIGNMENT

WHEREAS, we, Qingling Zhang of Carlisle, Massachusetts, USA; Bennett Greenwood of Somerville, Massachusetts, USA; Ravi Sharma of Acton, Massachusetts USA; and Geoffrey D. Moeser of Groton, Massachusetts USA, having invented the subject matter described in the International Application entitled "COMPOSITE PARTICLES AND A PROCESS FOR MAKING THE SAME," the specification of which was filed on March 18, 2014, as International Application No. PCT/US14/31078; 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, Qingling Zhang, Bennett Greenwood, Ravi Sharma and Geoffrey D. Moeser, 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, Qingling Zhang, Bennett Greenwood, Ravi Sharma and Geoffrey D. Moeser, 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, **Qingling Zhang**, have hereunto set my hand and seal this 23rd day of May, 2018.

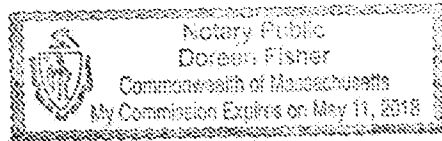
Qingling Zhang

COMMONWEALTH OF MASSACHUSETTS

)
) ss.
)

COUNTY OF MIDDLESEX

On this 23rd day of May, 2018, before me personally appeared **Qingling Zhang**, 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.



Doreen Fisher
NOTARY PUBLIC

My Commission Expires: 5/11/2018

IN TESTIMONY WHEREOF, I, **Bennett Greenwood**, have hereunto set my hand and seal this _____ day of _____, 2____.

Bennett Greenwood

COMMONWEALTH OF MASSACHUSETTS

)
) ss.
)

COUNTY OF MIDDLESEX

On this _____ day of _____, 2____, before me personally appeared **Bennett Greenwood**, 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, Ravi Sharma, have hereunto set my hand and seal
this 18th day of June, 2014.


Ravi Sharma

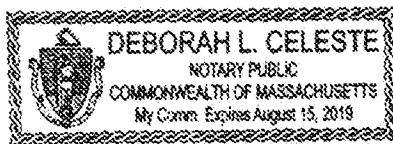
COMMONWEALTH OF MASSACHUSETTS

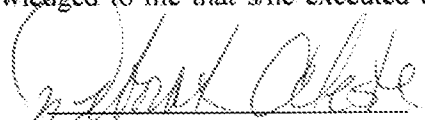
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COUNTY OF MIDDLESEX

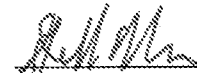
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On this 18th day of June, 2014, before me personally appeared Ravi Sharma, before me known and known to me to be the individual described herein and who executed the foregoing instrument, and s/he duly acknowledged to me that s/he executed the same for the purpose therein set forth.




NOTARY PUBLIC
My Commission Expires: 8/15/2019

IN TESTIMONY WHEREOF, I, Geoffrey D. Moeser, have hereunto set my hand
and seal this 4th day of August, 2014.


Geoffrey D. Moeser

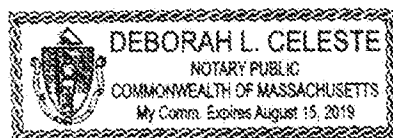
COMMONWEALTH OF MASSACHUSETTS

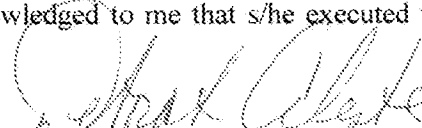
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) ss.

COUNTY OF MIDDLESEX

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On this 4th day of August, 2014, before me personally appeared Geoffrey D. Moeser, 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: