



01-09-2001



101574688

RECORDATION FORM COVER SHEET
PATENTS ONLY

12.28.00

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Execution Date Month Day Year

Name (line 2)

Second Party Name (line 1)

Name (line 2)

08891649

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

01/08/2001 AMMED1 00000071 030060 08891649
01 FC:581 1200.00 CH

Correspondent Name and Address

Area Code and Telephone Number

978-670-7030

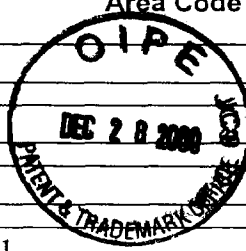
Name Michelle B. Lando

Address (line 1) Cabot Corporation

Address (line 2) 157 Concord Road

Address (line 3) Billerica, Massachusetts 01821

Address (line 4)



Pages

Enter the total number of pages of the attached conveyance document including any attachments.

5

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

08891649

09503996

09501221

08944036

09487018

08891468

09366588

09084630

08994894

If this document is being filed together with a new Patent Application, enter the date the patent application was

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved.

30

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 1,200.00

Method of Payment:

Enclosed

Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number:

03-0060

Authorization to charge additional fees:

Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Michelle B. Lando

Michelle B. Lando

July 19, 2000

Name of Person Signing

Signature

Date

FORM PTO-1619C
Expires 06/30/99
OMB 0651-0027

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Cabot Corporation

Execution Date
Month Day Year
03/27/2000

Name (line 2) a Corporation of Delaware

Name (line 1)

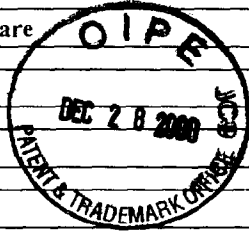
Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)



Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Cabot Microelectronics Corporation

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2) a Corporation of Delaware

Address (line 1) 870 N. Commons Drive

Address (line 2)

Address (line 3) Aurora Illinois 60504
City State/Country Zip Code

Name (line 1)

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Name (line 2)

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Address (line 3) State/Country Zip Code

Application Number(s) or Patent Number(s)

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Patent Application Number(s)

Patent Number(s)

09062327	09440525	09425473
09114003	09040630	60148813
09105060	09105555	09405249
08901803	09105065	60142706
09086659	09113248	09504058

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

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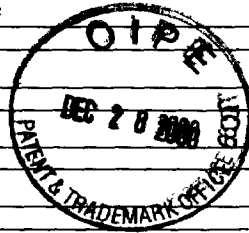
Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)



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Application Number(s) or Patent Number(s)

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Patent Application Number(s)

Patent Number(s)

09429188	60172540				
09428965					
09440401					
60169382					
60148878					

Schedule A

<u>Docket No.</u>	<u>Appln. No.</u>	<u>Appln. Date</u>
96071ACIP	08/891649	11JL1997
96071ACIP2	08/944036	29SE1997
96071ADIV	09/366588	04AU1999
96073CIP2DIV	09/503996	14FE2000
96073CIPDIV	09/487018	19JA2000
96092	09/084630	26MY1998
96092DIV	09/501221	10FE2000
96093CIP3	08/891468	10JL1997
96098CIP	08/994894	19DE1997
96119CIP1	09/062327	17AP1998
96119CIP2	09/114003	10JL1998
96125	09/105060	26JE1998
97045	08/901803	28JL1997
97045CIP	09/086659	29MY1998
98003	09/440525	15NO1999
98010	09/040630	18MR1998
98011	09/105555	26JE1998
98012	09/105065	26JE1998
98068	09/113248	10JL1998
98116	09/425473	22OC1999
98124P	60/148813	13AU1999
98125	09/405249	27SE1999
98126P	60/142706	07JL1999
98134	09/504058	14FE2000

Schedule A Cont'd.

<u>Docket No.</u>	<u>Appln. No.</u>	<u>Appln. Date</u>
99001	09/429188	28OC1999
99073	09/428965	04NO1999
99074	09/440401	15NO1999
99077P	60/169382	07DE1999
99096P	60/148878	13AU1999
99106P	60/172540	17DE1999

ASSIGNMENT OF PATENT APPLICATIONS

Whereas, CABOT CORPORATION, hereinafter "ASSIGNOR," a corporation organized and existing under the laws of Delaware having its principal office at 75 State Street, Boston, Massachusetts 02109, is the sole and exclusive owner of record in the United States Patent and Trademark Office for the applications for Letters Patent of the United States of America listed on Schedule A attached.

CABOT MICROELECTRONICS CORPORATION, hereinafter "ASSIGNEE," a corporation organized and existing under the laws of Delaware and having a principal office at 870 N. Commons Drive, Aurora, Illinois 60504, is desirous of acquiring all right, title and interest in, to and under said aforementioned patent applications and the inventions respectively covered thereby.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, and the successors, assigns and legal representatives of ASSIGNEE, the entire right, title and interest in and to the applications for Letters Patent of the United States of America listed on Schedule A attached and the inventions covered thereby, and in and to all Letters Patents to be obtained from said applications, including any continuations, divisions, continuations-in part claiming priority thereto, as well any reissues or reexaminations thereof (collectively referred to hereinafter as the "PROPERTY"), the same to be held and enjoyed by ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and legal representatives, to the end of the terms for which said PROPERTY has been or will be granted, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this assignment and sale had not been made; together with all claims by ASSIGNOR for damages by reason of infringement of the PROPERTY with the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives.

ASSIGNOR agrees that it will, by its officers, employees, legal representatives or other persons duly authorized, communicate to ASSIGNEE or the representatives thereof, any facts known to it respecting said PROPERTY, and will, upon request and at ASSIGNEE's expense, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally perform all other further lawful acts, deemed necessary and expedient by ASSIGNEE or by counsel of ASSIGNEE, to assist or enable ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned. ASSIGNOR additionally agrees to execute short form copies of this assignment or portions thereof regarding any or all of the aforementioned PROPERTY, as required by ASSIGNEE in the future.

ASSIGNOR agrees to waive all its rights and privileges to attack the utility, novelty, validity or enforceability of any or all of the aforesaid PROPERTY which mature from the listed applications which ASSIGNOR has assigned as against any one claiming a right under any or all of the aforementioned PROPERTY under ASSIGNOR's assignment or grant.

IN WITNESS WHEREOF, CABOT CORPORATION has caused its name to be signed by its duly authorized representative and its corporate seal to be affixed hereto this 27th day of March, 2000.

CABOT CORPORATION

By: Samuel W. Bodman
Name: ~~Samuel W. Bodman~~ Samuel W. Bodman
Title: Chairman and CEO

[CORPORATE SEAL]

Witnessed:

By: Brian A. Berub
Name: Brian A. Berub
Title: Counsel

UNITED STATES OF AMERICA :

COMMONWEALTH OF MASSACHUSETTS :

COUNTY OF SUFFOLK :

On this 27th day of March, 2000, before me, a Notary Public in and for the above mentioned county and state, personally appeared Samuel W. Balman, to me known and known to me to be the person who signed the foregoing Assignment on behalf of CABOT CORPORATION and who being duly sworn by me, did depose and say that ~~s/he~~ is the Chairman of the Board and Chief Executive Officer of CABOT CORPORATION, the company described in and on whose behalf ~~s/he~~ has executed the foregoing instrument; and that ~~s/he~~ is so authorized to execute this instrument on behalf of said corporation.

Paul F. Doucette
Notary Public
My Commission Expires 3/20/2003

[NOTARIAL SEAL]

mmdapplnasg2.doc

ASSIGNMENT

WHEREAS, I, Shumin Wang of 1006 Dakota Circle, Naperville, Illinois 60563, a citizen of the United States of America, having invented the subject matter described in the U. S. Patent Application entitled "**COMPOSITION FOR OXIDE CMP,**" the specification of which was filed on **December 19, 1997**, as United States Patent Application Serial No. **08/994,894**; and

WHEREAS, Cabot Microelectronics Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, doing business at 870 N. Commons Drive, Aurora, Illinois 60504, 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 me, the receipt and sufficiency whereof is hereby acknowledged, I, Shumin Wang, have sold, assigned and transferred and do hereby sell, assign and transfer unto Cabot Microelectronics 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 Microelectronics Corporation, its successors and assigns, the same as it would have been held and enjoyed by me if this assignment and sale had not been made.

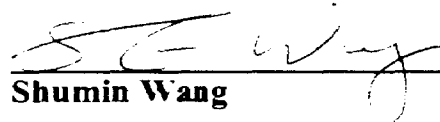
And I hereby authorize Cabot Microelectronics Corporation, to file patent applications in any or all countries on any or all of said invention in my name or in the name of Cabot Microelectronics Corporation, or otherwise as Cabot Microelectronics Corporation, may deem advisable, under any International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

And I 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 Microelectronics Corporation, as assignee of the entire right, title and interest therein or otherwise as Cabot Microelectronics Corporation, may direct, in accordance with this instrument of assignment.

I hereby represent and warrant that there are no rights or interests inconsistent with the rights and interests granted herein and that I will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interest granted herein, and that I, Shumin Wang have sold, assigned and transferred and do hereby sell, assign and transfer unto Cabot Microelectronics 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 Microelectronics Corporation to enable Cabot Microelectronics 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 Microelectronics 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.

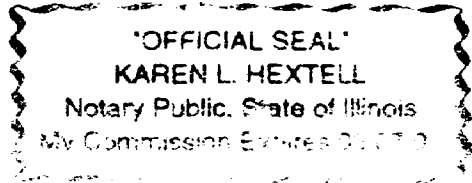
And I further covenant and agree, in consideration of the premises, that I, my executors and administrators, will at any time, upon request, communicate to Cabot Microelectronics Corporation, its successors and assigns, any facts relating to the invention and the improvements contained therein and the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

IN TESTIMONY WHEREOF, I, **Shumin Wang**, have hereunto set my hand and seal
this 10th day of ^{November} ~~October~~, 2000.


Shumin Wang

STATE OF ILLINOIS)
) ss.
COUNTY OF DU PAGE)

On this 10th day of ^{November} ~~October~~, 2000, before me personally appeared **Shumin Wang**, before me known and known to me to be the individual described herein and who executed the foregoing instrument, and she duly acknowledged to me that she executed the same for the purpose therein set forth.




NOTARY PUBLIC
My Commission Expires: 02/27/02

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