

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

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

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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 Execution Date
Month Day Year

Name (line 1) FANG, Mingming

FEB 13 2001

Name (line 2) _____

Second Party

Name (line 1) WANG, Shumin

Execution Date
Month Day Year
FEB 12 2001

Name (line 2) _____

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) CABOT MICROELECTRONICS CORPORATION

Name (line 2) a Delaware corporation

Address (line 1) 870 North Commons Drive

Address (line 2) _____

Address (line 3) Aurora IL 60504
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 Phyllis T. Turner-Brim

Address (line 1) Associate General Counsel, Intellectual Property

Address (line 2) 870 North Commons Drive

Address (line 3) Aurora, IL 60504

Address (line 4) _____

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practices. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT

700004145

REEL: 011345 FRAME: 0069

FORM PTO-1619B
Expires 08/30/99
OMB 0651-0027

Page 2

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

Correspondent Name and Address **Area Code and Telephone Number** (630) 375-5465

Name Phyllis T. Turner-Brim

Address (line 1) Associate General Counsel, Intellectual Property

Address (line 2) Legal Department

Address (line 3) 870 North Commons Drive

Address (line 4) Aurora, IL 60504

Pages Enter the total number of pages of the attached conveyance document including any attachments. # 2

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)		
09/656,665					

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. 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. # 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment: Enclosed ☐ Deposit Account ☒


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

Deposit Account Number: # 501599

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.

Phyllis T. Turner-Brim  27 FEB 2001

Name of Person Signing Signature Date

Docket No. 99156

ASSIGNMENT

WHEREAS, We, Mingming Fang and Shumin Wang, of 6 South 561 Naper Boulevard, Apartment #12, Naperville, Illinois 60540 and 1006 Dakota Circle, Naperville, Illinois 60563, respectively, have invented and own a certain invention entitled:

**METHOD FOR POLISHING A MEMORY OR RIGID DISK WITH AN OXIDIZED
HALIDE-CONTAINING POLISHING SYSTEM**

for which invention we have executed an application (provisional or non-provisional) for a United States patent, which was filed on September 7, 2000, under Application No. 09/656,665, and

WHEREAS, Cabot Microelectronics Corporation, of 870 Commons Drive, Aurora, Illinois 60504 (hereinafter referred to as Assignee), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions) that may be filed in the United States and every foreign country on the invention, and the patents or extensions thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue United States patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and serial number of the application if the date and number are unavailable at the time this document is executed.

UPON SAID CONSIDERATION, we convey to the Assignee the right to make application in its own behalf for protection of the invention in countries foreign to the United States and to claim under the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application on the invention) to gain priority with respect to other applications.

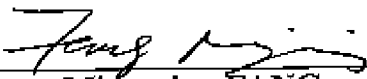
WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, renewal, or extended patents of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood

Docket No. 99156

that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

DateFeb. 13th 2001


Mingming FANG

STATE OFIllinois


COUNTY OFGrundy

)

SS:

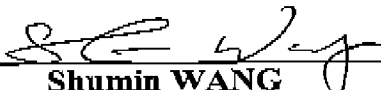
On this 13th day of February, 2001, before me, a Notary Public in and for said county, appeared Mingming Fang, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that (s)he signed and delivered the document as her/his free and voluntary act for the uses and purposes therein set forth.


(SEAL) "OFFICIAL SEAL"
KAREN L. HEXTELL
Notary Public, State of Illinois
My Commission Expires 03/07/03


Notary Public

My Commission Expires: 03/07/03

DateFeb. 12th, 2001


Shumin WANG

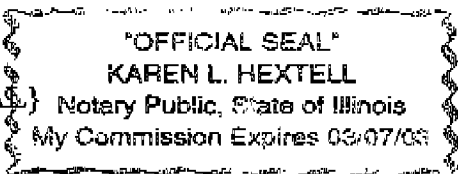
STATE OFIllinois

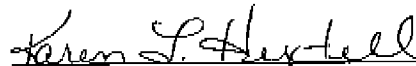
COUNTY OFGrundy

)

SS:

On this 12th day of FEBRUARY, 2001, before me, a Notary Public in and for said county, appeared Shumin Wang, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that (s)he signed and delivered the document as her/his free and voluntary act for the uses and purposes therein set forth.


(SEAL) "OFFICIAL SEAL"
KAREN L. HEXTELL
Notary Public, State of Illinois
My Commission Expires 03/07/03


Notary Public

My Commission Expires: 03/07/03



Headquarters
670 Commons Drive
Aurora, IL 60504
630.375.6631 telephone
800.811.2756 toll-free
630.375.5596 fax
www.cabotcmp.com

Facsimile Transmission

From:	Phone:	Fax:
<input type="checkbox"/> Carol Bernstein		
Vice President, Secretary/General Counsel	(630) 375-5461	(630) 499-2644
<input checked="" type="checkbox"/> Phyllis Turner-Brim		
Assoc. General Counsel/Intellectual Property	(630) 375-5465	(630) 499-2654
<input type="checkbox"/> Karen L. Hextell		
Sr. Administrative Assistant/Paralegal	(630) 375-5463	(630) 499-2655

Number of Pages with Cover Page:

Date/Time:

To:

Name:	Fax Number:	Phone Number
USPTO	(703) 306 - 5995	(703) 308 - 9723

Message:

Facsimile submission of Assignment Document for U.S. S.N. 09/656,665 is enclosed. Please acknowledge its receipt and recording. Thanks.

CONFIDENTIALITY NOTE

THE PAGES ACCOMPANYING THIS FACSIMILE TRANSMISSION CONTAIN INFORMATION FROM CABOT MICROELECTRONICS CORPORATION, OFFICE OF THE GENERAL COUNSEL WHICH IS CONFIDENTIAL AND PRIVILEGED. THE INFORMATION IS INTENDED FOR THE SOLE USE OF THE INDIVIDUAL OR ENTITY IDENTIFIED ON THIS COVER SHEET. IF YOU ARE NOT THE INTENDED RECIPIENT, YOUR USE OF THIS INFORMATION IS PROHIBITED. IF YOU HAVE RECEIVED THIS FACSIMILE IN ERROR, PLEASE NOTIFY US BY TELEPHONE IMMEDIATELY SO THAT WE CAN ARRANGE FOR THE RETRIEVAL OF THE DOCUMENTS AT NO COST TO YOU.

IF YOU DO NOT RECEIVE ALL OF THE PAGES, PLEASE CALL (630) 375-5463