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RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE PATENTS ONLY Patent and Trademark Office				
To the Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy (ies) thereof.				
Submission Type X New Resubmission (Non-Recordation) Correction of PTO Error Corrective Document	Doc. ID# Reel/Frame	Convenyance Type X Assignment Other Merger Security Agr	Change of Name Other	
Conveying party(ies): Month Day Year			Month Day Year	
1. Phillip W. CARTER 2. Timothy P. JOHNS 3. 4. 5. 6. 7.		Execution Date:	OCT 21 2004 NOV 10 2004	
Additional name(s) of conveying party(ies) attached?		Yes	X No	
Receiving party(ies): CABOT MICROELECTRONICS CORPORATION 870 North Commons Drive Aurora, Illinois 60504 Additional name(s) of receiving party(ies) attached? Yes X No				
Application number(s) or patent number(s):				
If this document is being filed together with a new application, the execution date of the application is:				
A. Patent Application No.(s) Filed	:	B. Patent No.(s)		
10/982,486 5-Nov-04	· 			
Addition	nal numbers attached?	Yes	X No	
Correspondent Name and address Customer Number 29050 Steven D. Weseman, Esq. Associate General Counsel, Intellectual Property CABOT MICROELECTRONICS CORPORATION 870 North Commons Drive Aurora, Illinois 60504 (630) 375-5465		Fee Amount (37 CFR 3 Enclosed X Authorized to be account numb	.41): \$40.00 De charged to deposit account	
DO NOT USE THIS SPACE				
Statement and signature To the best of my knowledge and belief, to of the original document. Charges to dep			any attached copy is a true copy	
Mariejose Monsalve Name of person signing		Signature	<u>\</u>	
Total number of pages including cover sheet, attachments and document:				

Docket No. 100248

ASSIGNMENT

WHEREAS, we, Phillip W. CARTER, of Naperville, Illinois, and Timothy P. JOHNS, of Montgomery, Illinois, have invented and own a certain invention entitled POLISHING COMPOSITION AND METHOD FOR HIGH SILICON NITRIDE TO SILICON OXIDE REMOVAL RATE RATIOS for which invention we have executed an application (provisional or non-provisional) for a United States patent, filed on November 5, 2004, under Application No. 10/982,486; and

WHEREAS, Cabot Microelectronics Corporation, of 870 North 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.

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I/WE DO HEREBY COVENANT and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I/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 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, I/we have hereunder set my/our hands on the dates shown below.

Date 10-21-04	Phillip W. CARTER
STATE OF	•
COUNTY OF Du Page) 33.	
On thisday ofappeared Phillip W. CARTER, known to executed the foregoing instrument, and (s)he for the purpose therein set forth.	o me to be the individual described herein and who duly acknowledged to me that (s) he executed the same
"OFFICIAL SEAL" KAREN L. HEXTELL NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 4/4/2007	NOTARY PUBLIC My Commission Expires: 04 04 67

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Docket No. 100248

Date //////

willy / // Mus Timothy P. JOHNS

STATE OF The

COUNTY OF

On this day of November, 200 4, before me personally appeared Timothy P. JOHNS, 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.

"OFFICIAL SEAL"

KAREN L. HEXTELL

NOTARY PUBLIC, STATE OF ILLINOIS

MY COMMISSION EXPIRES 4/4/2007

NOTARY PUBLIC
My Commission Expires: 04/07/

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RECORDED: 12/15/2004