

02-15-2001



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RM COVER SHEET  
S ONLY

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

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 #
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Conveyance Type

- Assignment
- License
- Merger
- Security Agreement
- Change of Name
- Other:

Conveying Party(ies)

1. DIRKSEN, James, A.
2. BOLDRIDGE, David, W.
- 3.
- 4.
- 5.
- 6.

2-7-01

Execution Date(s)

- December 14, 2000
- December 14, 2000

Mark if Additional Names of Conveying Parties Attached

Receiving Party

Name Cabot Microelectronics Corporation  
 Name  
 Address 870 Commons Drive  
 Address  
 Address Aurora Illinois/United States 60504  
 City State/Country Zip Code

FEB - 7 2001

Mark if Additional Names of Receiving Parties Attached

Correspondent Name and Address

John Kilyk, Jr.  
 Leydig, Voit & Mayer, Ltd.  
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 Attorney Docket No. 207617

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

Application Number(s) or Patent Number(s)

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

Patent Application Numbers

Patent Numbers

09/737,905

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

Enter the total number of properties involved: 2

Number of Properties

Fee Amount

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

Method of Payment:

- Enclosed is a check in the amount of \$40.00
- Charge Deposit Account No. 12-1216
- Authorization to Charge Additional Fees to Deposit Account No. 12-1216:  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.

John Kilyk, Jr.  
Name of Person Signing

February 5, 2001  
Date

02/14/2001 6TDM11

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01 FC:581

PATENT  
REEL: 011509 FRAME: 0705

Attorney Docket: 207617  
Leydig, Voit & Mayer, Ltd.  
Attorneys at Law  
Two Prudential Plaza  
Suite 4900  
180 North Stetson  
Chicago, Illinois 60601-6780

## ASSIGNMENT

**WHEREAS, WE**, James A. Dirksen and David W. Boldridge, of 225 Ashely Court, Oswego, Illinois 60543 and 455 Windsor Drive, Oswego, Illinois 60543, respectively, have invented and own a certain invention entitled:

### METHOD OF POLISHING OR PLANARIZING A SUBSTRATE

for which invention we have executed an application (provisional or non-provisional) for a United States patent, which was filed on December 15, 2000, under Application No. 09/737,905 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 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.

Date 12/14/00

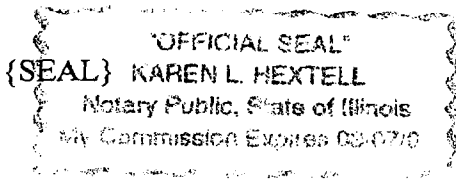
James A. Dirksen  
James A. Dirksen

STATE OF Illinois)  
COUNTY OF DuPage) SS:

On this 14<sup>th</sup> day of December, 2000, before me, a Notary Public in and for said county, appeared James A. Dirksen, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he signed and delivered the document as his free and voluntary act for the uses and purposes therein set forth.

Karen L. Hextell  
Notary Public

My Commission Expires: 03/07/03



Date December 14, 2000

David W. Boldridge  
David W. Boldridge

STATE OF Illinois)  
COUNTY OF DuPage) SS:

On this 14<sup>th</sup> day of December, 2000, before me, a Notary Public in and for said county, appeared David W. Boldridge, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he signed and delivered the document as his free and voluntary act for the uses and purposes therein set forth.

Karen L. Hextell  
Notary Public

My Commission Expires: 03/07/03

