

10-12-1999



SHEET

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Attorney Docket No.: FI9-99-077

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

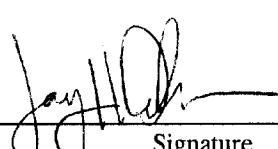
1. Name of conveying party(ies): Leping LI, James A. GILHOOLY, Clifford O. MORGAN, III, and Cong WEI Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): <u>INTERNATIONAL BUSINESS MACHINES CORPORATION</u> Address: <u>New Orchard Road</u> City: <u>Armonk</u> State: <u>NY</u> ZIP: <u>10504</u> Add'l name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>9/23, 9/24, 9/24, 9/23/99</u>	

4. 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: <u>9/23, 9/24, 9/24, 9/23/99</u> A. Patent Application No.(s) Not yet assigned	B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Andrew C. Aitken</u> <u>LANE, AITKEN & McCANN</u> <u>2600 Virginia Avenue, NW</u> City: <u>Washington</u> State: <u>DC</u> ZIP: <u>20037</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h))..... \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>09-0458</u> <u>FI (479)</u>
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9. Statement and signature. <i>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.</i> <u>Jay H. Anderson, Reg. No.38,371</u> Name of Person Signing	 Signature	<u>30 Sept 99</u> Date
Total number of pages including cover sheet, attachments and document: <u>5</u>		

EXPRESS MAIL NO.: EK08287500306 Mail documents to be recorded with required cover sheet information to:
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS EXPRESS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231
APPLICANT AND/OR ATTORNEY REQUESTS THE DATE OF DEPOSIT AS THE FILE DATE.
DATE OF DEPOSIT: 9/30/99
BY SIGNATURE & DATE: Patricia Dora Zee

ASSIGNMENT

Whereas, we,

(1) Leping LI
County of Dutchess

of Poughkeepsie
and State of New York

and

(2) James A. Gilhooly
County of Franklin

of St. Albans
and State of Vermont

and

(3) Clifford O. Morgan, III
County of Chittenden

of Burlington
and State of Vermont

and

(4) Cong WEI
County of Dutchess

of Poughkeepsie
and State of New York

have invented certain improvement in

Optimization of CMP Process by Detection of Oxide/Nitride Interface Using IR System

and executed a United States patent application therefore on

(Date Inventor Signed Declaration) (1) 9/23, 1999; and (2) _____;
1999; and (3) _____, 1999; and (4) 9/23, 1999.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed at East Fishkill on 9/23, 1999.

Leping Li
Leping Li

(2) Signed at _____ on _____, 1999.

James A. Gilhooly

(3) Signed at _____ on _____, 1999.

Clifford O. Morgan, III

(4) Signed at East Fishkill on 9/23, 1999.

Cong Wei
Cong Wei

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1999; and (3) 9/24, 1999; and (4) _____, 1999.

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(1) Signed at _____ on _____, 1999.

Leping LI

(2) Signed at ESSEX JUNCTION, VT on 9/24, 1999.

James A. Gilhooly
James A. Gilhooly

(3) Signed at Essex Junction, VT on 9/24, 1999.

Clifford O. Morgan, III
Clifford O. Morgan, III

(4) Signed at _____ on _____, 1999.

Cong Wei