RECOR

06-27-2000



To the Honorable Commissioner of Paten	ts and
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ſinal	documents	or	сору	thereof

J1390583 ————————————————————————————————————			
K. Srivastava; Jonathan H. Griffith;			
Peter C. Wade			
ame and address of rocciving newty (in )			
ame and address of receiving party (les)			
Name: International Business			
Machines Corporation U			
et Address: New Orchard Road			
City: Armonk, New York ZIP: 10504			
ETHOD FOR ETCHING OF BLM DEVICES WITH COPPER METALLIZATION with a new application, 06/07/00; 06/07/00; 06/07/00; 06/07/00  B. Patent No.(s) Ched? Yes X No 09/590119			
6. Total number of applications and patents involved: 1			
7. Total fee (37 CFR 3.41) \$ 40.00  Enclosed  X Authorized to be charged to deposit account			
8. Deposit A/C No. 09-0458 (FI-224)  (Attach duplicate copy of this page if paying by deposit account)			

06/26/2000 ASC

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9. 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 or ginal document.

IRA D. BLECKER, Reg. No 29,894

Name of Person Signing

Telephone: (914) 894-2580

6 \$8 /2000

Total number of pages including cover sheet, attachments, and document: 3

CERTIFICATE OF MAILING US POSTAL EXPRESS MAIL NO: EK711764405US

I hereby certify that this correspondence is being deposited with the United States Postal Service as EXPRESS Mail in an Envelope Addressed to Commissioner of Patents & Trademarks, Washington, D.C. 20231. Applicant and/or attorney requests the date of deposit as the filing date.

June 08 , 2000 Date of Deposit

Name of Person Making Deposit

Karen Cinq-Mars

Signature

618/2000

REEL: 010869 FRAME: 0032

**PATENT** 

## **ASSIGNMENT**

WHEREAS, I

(1) Kamalesh K. Srivastava	of Wappingers Falls
County of Dutchess	State of New York

- (2) **Jonathan H. Griffith** of Poughkeepsie County Dutchess State of New York
- (3) **Mary C. Cullinan-Scholl** of Hopewell Junction County of Dutchess State of New York
- (4) **William H. Brearley** of Poughkeepsie County of Dutchess State of New York
- (5) **Peter C. Wade** of Hyde Park County of Dutchess State of New York

have invented certain improvements in

## INTEGRATED METHOD FOR ETCHING OF BLM TITANIUM-TUNGSTEN ALLOYS FOR CMOS DEVICES WITH COPPER METALLIZATION

and executed a United States patent application therefor on:

(dates that Inventors signed the declaration)

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 therefor;

PATENT REEL: 010869 FRAME: 0033 Now therefore, for a valuable consideration, receipt whereof is hereby acknow-ledged, 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 the 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.

## Signed

(1) at East Fish Will, NY city on \_\_\_\_\_\_ 6/7/\_\_\_\_, 2000,

(2) at EAST FISHKILL, NY city on \_\_\_\_\_\_ 6/7 \_\_\_\_\_, 2000,

(3) at EAST FISHKILL, NY city on \_\_\_\_\_\_ 6/7 \_\_\_\_\_, 2000,

(4) at East Fishkill, NY city on \_\_\_\_\_\_ full fishkill, NY city on \_\_\_\_\_\_ 7, 2000,

(5) at East Fishkill, NY city on \_\_\_\_\_\_ 7, 2000,

Kamalosh K. Snivarlava					
Kamalesh Srivastava					
Jonathan H. Griffith					
J∮nathan H. Griffith ∫ 「					
Mary C. Cull: Schale Mary C. Cullinan-Scholl					
Mary 🗘 Cullinan-Scholl					
William H. Brearley					
William H. Brearley					

PATENT
RECORDED: 06/08/2000 REEL: 010869 FRAME: 0034

Peter C. Wade