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08-12-1999



To the Honorable Commissic

101116036

attached original documents or copy thereof.

1. Name of conveying party(ies):

Satish D. ATHAVALE

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: International Business Machines Corporation

Internal Address: _____

Street Address: _____

City: Armonk State: NY ZIP: 10504

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: July 22, 1999

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: August 2, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Elsa Keller

Internal Address: _____

Siemens Corporation

Intellectual Property Department

Street Address: 186 Wood Avenue South

City: Iselin State: NJ ZIP: 08830

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41) \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit Account No.

19-2179

DO NOT USE THIS SPACE

9. Statement and signature

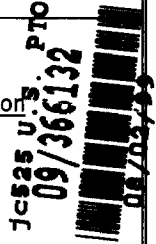
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Stanton C. Braden
Name of Person Signing
Reg. No. 32,556

Signature

August 2, 1999
Date

Total number of pages including cover sheet, attachments, and document: 2



ASSIGNMENT

WHEREAS, I

(1) **Satish D. ATHAVALE** of Fishkill,
County of and State of New York

have invented certain improvements in **TUNGSTEN HARD MASK FOR DRY ETCHING ALUMINUM CONTAINING LAYERS**

and executed a United States patent application therefor on:
(dates that Inventors signed the declaration)

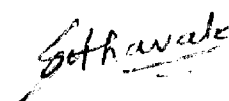
(1) July 22, 1999

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 therefor;

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 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 will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed
(city and date)

(1) at Fishkill, NY
on July 22, 1999



Satish D. ATHAVALE