FORM PTO-1595	09-23-1	SHELL US DEPARTMENT OF COMMERCE
(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)		Patent and Trademark Office Atty Dkt. No. 99 P 7798 US
To the Honorable Commissioner of	1011526	612 record the attached original documents or copy thereof.
Name of conveying party(ies):		Name and address of receiving party(ies)
Satish D. ATHAVALE		Name: International Business Machines Corporation
Additional name(s) of conveying party(les) attached?	9.14.99 Yes <u>X</u> No	Internal Address:
Nature of conveyance:	,	Street Address:
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Security Agreement Change	e of Name	City: <u>Armonk</u> State: <u>NY</u> ZIP: <u>10504</u>
Other Execution Date:August 19, 1999		Additional name(s) & address(es) attached?Yes _X_ No
4. Application number(s) or patent number(s): If this document is being filed together with a A. Patent Application No.(s)	09 39 new application, the e	execution date of the application is: August 19, 1999 B. Patent No.(s)
Additional numbers attached? Yes _X_ No		
Name and address of party to whom correspondence concerning document should be mailed:	ondence	Total number of applications and patents involved: _1
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99/23/1999 NTHAI1 00000095 192179 09396178		
Name of Person Signing Reg. No. 33,753 Total number of pages including cover sheet, attachments, and document: 2		

PATENT REEL: 010248 FRAME: 0033

ASSIGNMENT

WHEREAS, I,

(1) SATISH D. ATHAVALE of Fishkill, County of Dutchess and State

of Fishkill, and State of New York

have invented certain improvements in METHOD OF PLASMA ETCHING THIN FILMS OF DIFFICULT TO DRY ETCH MATERIALS

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

(1) August 19, 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 East Fishkill, NY on August 19, 1999

RECORDED: 09/14/1999

Satish D. Athavale

PATENT REEL: 010248 FRAME: 0034