Form PTO-1595 5 August 1998	998 SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
TO THE HONORABLE COMMISSI Please record the attached original documents or copy inercor.	51 .S: Attorney Docket No.: Y0998-173 (728-134)
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
 (1) Arunava Gupta (2) Rajiv V. Joshi 	Name: International Business Machines Corporation
Additional name(s) of conveying party(ies) attached? [] yes [X] no	Internal Address:
3. Nature of Conveyance	City: Armonk
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other	Country/State/Zip: NY, 10504
Execution Date: <u>8/4/98</u>	Additional names and addresses attached? [] yes [X] no
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 $8/4/98$
A. Patent Application No.(s) N/A 09/129827	B. Patent No.(s): N/A
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5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [1]
Name: Frank Chau, Esq. Internal Address: Dilworth & Barrese Street Address: 333 Earle Ovington Boulevard	 7. Total fee (37 C.F.R. 3.41)
City: <u>Uniondale</u> State: <u>NY</u> ZIP: <u>11553</u>	8. Deposit account number: <u>50-0510/IBM(Yorktown Heights</u>) (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE	E THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing informati original document.	ion is true and correct and any attached copy is a true copy of the
Frank Chau, Esg.	1
Name of Person Signing /9/Si	ignature <u>5 August 1998</u> Date
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3/1998 ISTOKES 00000007 500510 0912965 cuments to be recorded with Assistant Commissioner for C:581 40.00 CH Box Ass	ch this portion h required cover sheet information to: for Patents and Trademarks signments a, D.C. 20231
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(JOINT FORM) (TWO INVENTORS) (IBM Docket) YO998-173 (728-134)

Assignment

Whereas, we

ARUNAVA GUPTA of Valley Cottage (1)INVENTOR County of Rockland and State of New York AND CITY

RAJIV V. JOSHI of Yorktown Heights (2)INVENTOR County of Westchester and State of New York AND CITY

have invented certain improvements in

NON-VOLATILE MAGNETIC MEMORY CELL AND DEVICES TITLE

DATES THAT INVENTORS SIGNED THE DECLARATION

and executed, respectively, a United States patent application therefor on (1) flug. H, , 1998; and (2) flug. 4, 1998.

CORPORATION, Whereas, INTERNATIONAL BUSINESS MACHINES а 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, we, 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 we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we 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 yorktown Leights Amine on Jugust 4, 1998, Amine SIGNATURE

Arunava Gupta

CITY AND

DATE

(2) at yorkTawn Height on August 4, 1998, <u>Rajir V. Joshi</u> Rajir V. Joshi SIGNATURE

State of New York)ss.: County of Westchistic)

On this 4^{Hh} day of f_{ugus} 1998, before me personally came Arunava Gupta to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary

Notary Public, State of New York No. 01FO4935185 Qualified in Westchester County Commission Expires July 25. 19-2000

State of New York County of Wartches Tec.) On this 4th day of August 1998, before me Dersonally known, and personally came Rajiv V. Joshi to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Emity Notary

EMILY S. FORBES Notary Public, State of New York No. 01FO4935185 Qualified in Westchester County Commission Expires Juty 25, 192000

RECORDED: 08/05/1998