



05-04-2001



ty. Docket No. YOR919980321US1

101702298

SHEET

To The Honorable Commissioner of Patents and Trademarks:  
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1. Name of conveying party(ies):  
David W. Abraham  
Stuart S.P. Parkin  
John C. Slonczewski  
Philip L. Trouilloud

2. Name and address of receiving party(ies):

Name: International Business  
Machines Corporation  
Address: New Orchard Road  
Armonk, NY 10504

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

Additional name(s) & addresses attached? \_\_\_ Yes X No

3. Nature of conveyance:

X Assignment

Execution Date(s): November 8, 2000 and April 17, 2001

4. Patent Application number(s)

Execution Date(s): November 8, 2000 and April 17, 2001

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

Name: Marian Underweiser  
Address: IBM Corporation  
Intellectual Property Law  
P.O. Box 218  
Yorktown Heights, NY 10598

6. Total number of applications involved: 1

7. Total fee (37 CFR 3.41): \$40.00

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8. 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 original document.

Marian Underweiser (Reg. 46,134)

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PATENT  
REEL: 011747 FRAME: 0698

(JOINT FORM)

(IBM Docket) YOR919980321

**Assignment**

Whereas, we

INVENTOR  
AND CITY(1) David W. Abraham  
County of Westchesterof Croton-on-Hudson  
and State of New York(2) Stuart S.P. Parkin  
County of Santa Claraof San Jose  
and State of California(3) John C. Slonczewski  
County of Westchesterof Katonah  
and State of New York(4) Philip L. Trouilloud  
County of Bergenof Norwood  
and State of New Jersey

have invented certain improvements in

TITLE MAGNETIC TUNNEL JUNCTIONS USING FERRIMAGNETIC MATERIALS

executed, respectively, a United States patent application therefor on

DATE THAT	(1) Nov 8,	2000,
INVENTOR	(2)	2000,
SIGNED THE	(3) Nov 8,	2000,
DECLARATION	(4) Nov 8,	2000,

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, 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.

Yorktown Docket YOR920000658

Signed and sealed

CITY AND  
DATE(1) at Yorktown, NY  
on Nov 8, 2000,X (David W. Abraham)  
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE

Signed and sealed

CITY AND  
DATE(2) at Alhambra, CA  
on April 17, 2000,  
SPPX   
(Stuart S.P. Parkin)  
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE

PATENT  
REEL: 011747 FRAME: 0699

## Signed and sealed

CITY AND (2) at Yorkown, NY  
DATE on Nov 8, 2000, X John C. Slonczewski SIGNATURE  
(John C. Slonczewski )  
FIRST NAME MIDDLE INITIAL LAST NAME

## Signed and sealed

CITY AND (2) at Yorkown, NY  
DATE on Nov 8, 2000, X Philip L. Trouilloud SIGNATURE  
(Philip L. Trouilloud )  
FIRST NAME MIDDLE INITIAL LAST NAME