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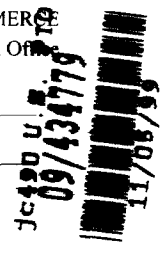
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NOTE: The following appendix did not appear in the Code of Federal Regulations

**APPENDIX B**  
FORM PTO-1595  
1-31-92

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Mustafa Pinarbasi

2. Name and address of receiving party(ies):  
Name: INTERNATIONAL BUSINESS MACHINES CORPORATION  
Internal Address: Armonk, New York 10504  
Street Address: SAME AS ABOVE  
Additional name(s) & address(es) attached? yes  no

Additional name(s) of conveying party(ies) attached? yes  no

3. Nature of Conveyance  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date October 29, 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: October 29, 1999  
A. Patent Application No.(s)  
B. Patent No.(s) 09/434779  
Additional numbers attached? yes  no

5. Name and address of party to whom correspondence concerning documents should be mailed:  
Name: Park Saber  
Address: INTERNATIONAL BUSINESS MACHINES CORPORATION  
5600 Cottle Road, 12PA/014  
San Jose, California 95193

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

11/23/1999 JSHABAZZ 00000197 090442 09434779  
01 FC:581 40.00 CH

8. Deposit Account Number: 09-0442

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9. Statement and signature:  
*To the best of my knowledge and belief, the foregoing information is true and correct and the attached copy is a true copy of the original document.*

Joseph F. Vilella, Jr. November 5, 1999  
Name of Person Signing Signature Date

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

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SA999149.asg

**PATENT  
REEL: 010390 FRAME: 0466**

ASSIGNMENT

Whereas, I

INVENTOR  
AND CITY

(1) Mustafa Pinarbasi  
City of Morgan Hill,  
County of Santa Clara  
State of California,

have invented certain improvements in

TITLE

**SEED LAYER STRUCTURE FOR A PLATINUM MANGANESE PINNING LAYER IN A SPIN VALVE SENSOR**

DATE THAT  
INVENTOR  
SIGNED THE  
DECLARATION

and executed a Declaration and Power of Attorney for a United States patent application therefor on

(1) 10/29, 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 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 inventions 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

CITY  
DATE

(1) at San Jose  
on Oct 29<sup>th</sup>, 1999,

Mustafa Pinarbasi SIGNATURE  
Mustafa Pinarbasi INVENTOR