APPENDIX B
FORM PTO-1595
1-31-92

RECORDATION FORM COVER SHEET
PATENTS ONLY

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

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

   Execution Date: June 23, 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: June 23, 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 documents should be mailed:

   Name: Terrance A. Meador
   Address: GRAY CARY WARE & FREIDENRICH
            401 "B" Street, Suite 1700
            San Diego, California 92101

6. Total number of applications and patents involved: __________

7. Total Fee (37 CFR 3.41): $ 40.00
   Enclosed  ___ Authorized to be charged to
   Deposit account: __________

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   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.

   TERRANCE A. MEADOR
   Name of Person Signing
   Signature
   Date

   Total Number of pages including cover sheet, attachments and document: __2__

OMB NO. 0651-0011 (EXP. 4/94)

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SA998184

PATENT
REEL: 010071 FRAME: 0129
ASSIGNMENT

Whereas, We

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

has invented certain improvements in

TITLE
SPIN VALVE SENSOR WITH IMPROVED PINNING FIELD BETWEEN NICKEL OXIDE (NiO) PINNING LAYER AND PINNED LAYER

DATE THAT INVENTOR SIGNED THE DECLARATION
and executed a Declaration and Power of Attorney for a United States patent application therefor on
(1) 6/23, 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
(1) at San Jose
on 6/23, 1999,

DATE

PATENT
REEL: 010071 FRAME: 0130