APPENDIX B FORM PTO-1595

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NOTE: The following appendix di

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BOX ASSIGNMENTS WASHINGTON, D.C. 20231

> **PATENT REEL: 9876 FRAME: 0587**

ASSIGNMENT

INVENTOR

Whereas, We

AND CITY

(1) Hardayal Singh Gill City of **Portola Valley**, County of San Mateo State of California,

has invented certain improvements in

TITLE

DUAL GMR SENSOR WITH A SINGLE AFM LAYER

DATE THAT **INVENTOR** SIGNED THE DECLARATION and executed a Declaration and Power of Attorney for a United States patent application therefor on

(1) 3/24, 1999

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (heeinafter 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.

RECORDED: 03/30/1999

CITY DATE (1) at San Juse
on 3/24, 1999,

Hardayal Singh Gill INVENTOR

PATENT REEL: 9876 FRAME: 0588