PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| Larry LeeRoy Tretter | 11/16/2006 |

RECEIVING PARTY DATA

| Name: | INTERNATIONAL BUSINESS MACHINES CORPORATION |
|-----------------|---|
| Street Address: | New Orchard Road |
| City: | Armonk |
| State/Country: | NEW YORK |
| Postal Code: | 10504 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11554580 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | TUC920040101US2 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | Brian C. Kunzler |

Total Attachments: 1

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PATENT

REEL: 018747 FRAME: 0517

500206072

Docket No: TUC920040101US2

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ASSIGNMENT

Whereas I/we

INVENTOR/CITY COUNTY/STATE

(1) Larry LeeRoy Tretter County of Pima

City of Tueson
State of Arizona

have invented certain improvements in

TITLE

APPARATUS, SYSTEM, AND METHOD FOR MEASURING MAGNETORESISTIVE HEAD RESISTANCE

and executed, respectively, a United States patent application therefor on the following date(s):

DATE(S) THAT INVENTOR(S) SIGNED THE DECLARATION

(1)<u>/6//01/____,**200**6</u>

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 Larry LéeRoy Tretter

PATENT REEL: 018747 FRAME: 0518

RECORDED: 01/11/2007