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by Docket No: ARC920010015US1  
SHEET  
PATENT

11000 U.S. PTO  
10/05/866  
01/15/02

To the Hon. Commissioner of Patents and Trademarks:

Please record the enclosed copy of an assignment document. Relevant assignment data are as follows:

1. Assignors:

Charles Allan Brown  
6573 Bose Lane, San Jose, CA 95120

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10/057866

2. Assignee:

INTERNATIONAL BUSINESS MACHINES CORPORATION  
New Orchard Road  
Armonk, NY 10504

3. Execution Date of Assignment of Entire Interest in Patent Application: Jan 9, 2002

4. Execution Date of Declaration for Patent Application: Jan 9, 2002

4A. Patent Application No.: Not assigned

4B. Patent Number: Not assigned

5. Correspondence address: Marek Alboszta  
LUMEN  
45 Cabot Avenue, Suite 110  
Santa Clara, CA 95051

6. Total Number of applications and Patents involved: 1

7. Total fee (37 CFR 3.41): \$40

8. Statement and signature:

To the best of my knowledge and belief, the information contained herein is true and correct, and any attached copy is a true copy of the original document.

Ron Jacobs  
Reg. No. 50,142

Date: 01/15/2002  
telephone: (408) 260-7300

Total number of pages including cover sheet, attachments, and document: 3

01/31/2002 JFALLAH2 00000019 090441 10051866  
01 FC:581 40.00 CH

PATENT  
REEL: 012518 FRAME: 0293

# ASSIGNMENT

Whereas, I, **Charles Allan Brown**  
*City of* **San Jose**  
*County of* **Santa Clara**  
*State of* **California**

Whereas, I, **Richard Anthony DiPietro**  
*City of* **Campbell**  
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*State of* **California**

Whereas, I, **Thomas Edward Karis**  
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*County of* **Santa Clara**  
*State of* **California**

Whereas, I, **Herman Russell Wendt**  
*City of* **San Jose**  
*County of* **Santa Clara**  
*State of* **California**

Whereas, I, **Run-Han Wang**  
*City of* **San Jose**  
*County of* **Santa Clara**  
*State of* **California**

have invented certain improvements in (Title of Invention):

## Magnetic Recording Device with Improved Reliability

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

- |                                      |                    |
|--------------------------------------|--------------------|
| 1. <u>1/9/02</u>                     | 2. <u>08/27/01</u> |
| 3. <u><del>1/9/01</del> 8/27/01</u>  | 4. <u>8/28/01</u>  |
| 5. <u><del>1/9/01</del> 9/4/2001</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.

Execution by Inventor

Inventor: **Charles Allan Brown**

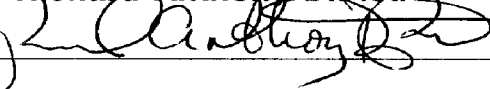
City/State: **San Jose, California**

Signature 

Date 1/9/01

Inventor: **Richard Anthony DiPietro**

City/State: **San Jose, California**

Signature 

Date 08/27/01