ASSIGNMENT



Γ

102640277

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached	original	document(s)	or copy thereof.
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- 1. Name of conveying party(ies)
 - Robert S. Beach

2.	Name and	address	of receiving	party(ies):
			01 100011115	Part, Itos,

a) Name:

International Business Machines Corporation

Address:

New Orchard Road

Armonk, New York 10504

3.	Nature of conveyance			
	Assignment			

Merger

Security Agreement

Change of Name

Other

License Agreement

Execution Date: March 13, 2001

Application Number(s) or Patent Number(s): Not Yet Assigned (This application is a Divisional of 4. 09/809,687. A copy of the assignment from the parent case is attached)

The title of the (new) application is:

MAGNETIC RECORDING GMR READ BACK SENSOR AND METHOD OF MANUFCATURING

5. Please send all correspondence concerning this (these) documents to:

> Silicon Valley IP Group, PC P.O. Box 721120 San Jose, CA 95172-1120 Tel. No.: (408) 971-2573

- 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 No. 09-0466

(Order No.SJO9-2000-0124US2/IBM1P044A)

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy 8.

is a true copy of the original document.

Date:

Dominic M. Kotab

01 FC:8021

Registration No. 42,762

Attorney Docket No. IBM1P044A/SJ09-2000-0124US2

(Revised 01/96)

PATENT REEL: 014842 FRAME: 0447

ASSIGNMENT



INVENTOR

Whereas, we

AND CITY

(1) Robert S. Beach County of Santa Clara of Los Gatos, and State of California

have invented certain improvements in

TITLE

MAGNETIC RECORDING GMR READ BACK SENSOR AND METHOD OF MANUFACTURING

DATES THAT INVENTORS SIGNED THE

and executed, respectively, a United States patent application therefor on

(1)

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, we, 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 we 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 we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY DATE (1) at Son Tose

Robert S. Beach

SIGNATURE

INVENTOR

RECORDED: 12/22/2003

PATENT REEL: 014842 FRAME: 0448