DOCKET: TUC920040191US1

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US Department of Commerce Patent & Trademark Office

To the Honorable Commissioner for Patents: Please record the attached original documents or copy thereof.

Name of conveying party(ies):

STEVEN ROSS BENTLEY ROBERT ALLEN HUTCHINS

DEMURA MASAYUKI SHUHEI NADEHARA

Additional name(s) of conveying party(ies) attached __Yes xx No

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Street Address: New Orchard Road

City: Armonk State: NY ZIP: 10504

Additional name(s) & address(es) attached?

Yes XX No

B. Patent No.(s)

3. Nature of conveyance:

XX Assignment Execution Date: 11/30/2004; 11/30/2004; 11/30/2004; 11/30/2004

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:

Patent Application No.(s)

11/003,224

Additional numbers attached? Yes XX No

5. Name and address of party to whom * correspondence concerning document *

should be mailed:

Name: John C. Kennel Address: IBM Corporation

Intellectual Property Law * 9000 S. Rita Road(90A/9032) *

Tucson, Arizona 85744

6. Total Number of applications and patents involved: <u>One</u>

7. Total fee (37 CFR 3.41)..... <u>\$ 40.00</u> Enclosed

XX Authorized to be charged to deposit account

(Duplicate Copy Attached)

8. Deposit Account Number:

09-0449

\$40.00 090449 11003224

Statement and signature.

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.

John M. Holcombe

Total number of pages including cover sheet, attachments, and document: /-5-/

PATENT REEL: 015618 FRAME: 0562

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ASSIGNMENT

Docket No. TUC920040191US1 Page **1** of **2**

Whereas, we

INVENTOR AND CITY

STEVEN ROSS BENTLEY (1)

of Tucson,

County of Pima

and State of Arizona,

ROBERT ALLEN HUTCHINS (2)

of Tucson,

County of Pima

and State of Arizona,

DEMURA MASAYUKI (3)Kanagawa, JAPAN,

SHUHEI NADEHARA (4)

of

Kanagawa, JAPAN

have invented certain improvements in

TITLE

INTEGRATED MULTIPLE CHANNEL DATA RELIABILITY TESTING FOR A MAGNETIC TAPE DRIVE

DATE THAT INVENTOR SIGNED THE DECLARATION and executed, respectively, a United States patent application therefor on

(1) 11/30 ,2004; (2) 11/30/2004,2004; (3) _____,2004; (4) [1/30] ,2004.

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 Tucson, AZ

DATE

on 11/30 , 2004

Steven ROSS BENTLEY INVENTOR

CITY

(2) at Tucson, AZ

DATE

(2) at **Tucson, AZ**on 11/30/2004, 2004

ROBERT ALLEN HUTCHINS

SIGNATURE

INVENTOR

PATENT REEL: 015618 FRAME: 0563

Docket No. TUC920040191US1 Page <u>2</u> of <u>2</u>

CITY	(3) at		SIGNATURE
DATE	on, 2004	DEMURA MASAYUKI	INVENTOR
CITY	(4) at <u>Tuison</u> AZ	Shehe! hadeluru.	SIGNATURE
DATE	on <u>11/30</u> , 2004	SHUHEI NADEHARA	INVENTOR

PATENT **REEL: 015618 FRAME: 0564**

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ASSIGNMENT

Docket No. TUC920040191US1
Page 1 of 2

		Page <u>l</u> of <u>2</u>
	reas, We	
INVENTOR AND CITY	(1) STEVEN ROSS BENTLEY	of Tucson,
WAND CITE	County of Pima	and State of Arizona,
	(2) ROBERT ALLEN HUTCHINS	of Tucson,
	County of Pima	and State of Arizona,
,	(3) DEMURA MASAYUKI Kanagawa, JAPAN,	of
	(4) SHUHEI NADEHARA Kanagawa, JAPAN	of
	have invented certain improvements i	
TITLE	INTEGRATED MULTIPLE CHANNEL DATA F MAGNETIC TAPE DRIVE	
DATE THAT INVENTOR		ted States patent application therefor on
SIGNED THE	(1),2004; (2)	,2004;
DECLARATION	(3) 11/30 2004; (4)	, 2004 .
	New York, having a place of busi:	and invention, and to any United States
	acknowledged, I, the above named its successors and assigns, the said application and invention the foreign countries, and all rights said United States application, to issue any Letters Patent gran application to IBM, its successors application for foreign Letters Patent application for foreign Letters Patent grants.	Le consideration, receipt whereof is hereby, hereby sell, assign, and transfer to IBM, entire right, title and interest in the herein disclosed for the United States and s of priority resulting from the filing of and I request the Commissioner of Patents ted upon the inventions set forth in said as and assigns; and I hereby agree that IBM tent on said invention and I will execute on with the United States and foreign do so by IBM.
	Signed	
CITY	(1) at Tucson, AZ	SIGNATURE
DATE	on, 2004 STEV	EN ROSS BENTLEY INVENTOR
CTTV	(2) at Tucson, AZ	SIGNATURE
DATE		RT ALLEN HUTCHINS INVENTOR
LALL LI	,	

PATENT REEL: 015618 FRAME: 0565 PAGE, 09

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CITY	(3) at <u>YAMATO</u> on <u>11/30</u> , 2004	Masayuki † Emu	signature inventor
CITY	(4) at	SHUHEI NADEHARA	signature inventor

RECORDED: 01/24/2005

PATENT REEL: 015618 FRAME; 0566