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DOCKET: TUC920010093US1

US Department of Commerce Patent & Trademark Office

Patent & Trademark Office 101946427 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): Name of conveying partylies 1 Name: International Business JOHN RAY BLAIR Machines Corporation DENNIS HURLEY BYRNE ALLEN RONALD COX DAVID MICHAEL DAVIS JAMES MITCHELL KARP Street Address: New Orchard Road City: Armonk State: NY ZIP: 10504 Additional name(s) & address(es) attached? Additional name(s) of conveying \_\_Yes XX No party(ies) attached \_\_Yes XX No Nature of conveyance: XX Assignment Execution Date:\_\_\_ 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:\_\_\_ B. Patent No.(s) A. Patent Application No.(s) \* Additional numbers attached? \_\_Yes XX No 6. Total Number of applications and patents Name and address of party to whom correspondence concerning document \* involved: One should be mailed: 7. Total fee (37 CFR 3.41)..... \$ 40.00 Jean M. Barkley Name: \_\_ Enclosed Address: IBM Corporation XX Authorized to be charged to Intellectual Property Law deposit account 9000 S. Rita Road (90A/9032) (Duplicate Copy Attached) Tucson, Arizona 85744 09-0449 8. Deposit Account Number: 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. Total number of pages including cover sheet, attachments, and document: /-3-/

01/14/2002 DBYRNF 00000489 090449 10035188 01 FC:581 40.00 CH

PATENT REEL: 12450 FRAME: 0548

## ASSIGNMENT

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Whereas, we

INVENTOR AND CITY

(1) JOHN RAY BLAIR of Tucson, County of Pima and State of Arizona,

and (2) DENNIS HURLEY BYRNE of Tucson, County of and State of Arizona, Pima

and (3) ALLEN RONALD COX Chandlers Ford, Eastleigh, Hampshire, ENGLAND

DAVID MICHAEL DAVIS and (4) of Tucson, County of Pima and State of Arizona,

and (5) JAMES MITCHELL KARP of Tucson, County of Pima and State of Arizona,

have invented certain improvements in

TITLE

## PORTABLE DATA STORAGE CARTRIDGE ENCODED MULTI-POSITION MECHANICAL INDICATOR

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

(1)	12/7		$(2) \frac{12/7}{}$	, 2001
(3)		_, 2001	$(4) \qquad 12/7$	, 2001
(5)	12/10	_, 2001.		

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 (1) at Tucson, AZ
on /2/7, 2001, JOHN RAY BLAIR
SIGNATURE
INVENTOR called upon to do so by IBM.

CITY DATE

**PATENT** REEL: 12450 FRAME: 0549

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and (2) at Tucson, AZ CITY SIGNATURE on 12/7, 2001, DATE DENNIS HURLEY BYR INVENTOR and (3) **at** CITYSIGNATURE on \_\_\_\_\_, 2001, ALLEN RONALD COX DATE INVENTOR and (4) at Tucson, AZ CITY SIGNATURE on <u>12/07</u>, 2001, DATE INVENTOR and (5) at Tucson, AZ SIGNATURE CITY on <u>2/0</u>, 2001, DATE JAMES MITCHELL KARP INVENTOR

> PATENT REEL: 12450 FRAME: 0550

## ASSIGNMENT

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NVENTOR		***************************************		
ND CITY	(1)	JOHN RAY BLAIR	of Tucson,	
		County of Pima	and State of	Arizona,
	and (2)	DENNIS HURLEY BYRNE	of Tucson,	
	(2)	County of Pima	and State of	Arizona,
	and (3)	ALLEN RONALD COX	of	
		Chandlers Ford, Eastleig	b, Hampshire, ENGLAND	
	and (4)	DAVID MICHAEL DAVIS	of Tucson,	
		County of Pina	and State of	Arizona,
	and (5)	JAMES MITCHELL KARP	of Tucson,	
		County of Pima	and State of	Arizona,
ave invente	d certain i	mprovements in	a	
TTLE	PORTABI	E DATA STORAGE CARTRI	DGE ENCODED MULTI-POSITIO	o <b>n</b>
	MECHANI	CAL INDICATOR		
ATE THAT	and exec		ed States patent application	
GIGNED THE	(1)	, 2001	(2), 2	001
ECLARATION	(3) <u>3</u> (5)	2001	(4), 2	001
	New York called I said app	, having a place of busine BM), desires to acquire the lication and invention, are tained therefor;	SS MACHINES CORPORATION, a corst at Armonk, New York 10504, e entire right, title and into d to any United States and for	erest in the reign patents
	Now acknowled its successful applicate countries states a Letters IBM, its foreign	therefore, for a valuable dged, I, the above named, essors and assigns, the endion and invention therein so, and all rights of prior pplication, and I request patent granted upon the insuccessors and assigns;	consideration, receipt where hereby sell, assign, and transtire right, title and interestire right, title and interestire right, title and interestity resulting from the filing the Commissioner of Patents towentions set forth in said apand I hereby agree that IBM may ention and I will execute all mited States and foreign applements.	t in the said es and foreign of said United o issue any plication to y apply for papers ications when
				SIGNATURE
CITY	(1) at '	rucson, AZ	N RAY BLAIR	INVENTOR
DATE	on	, 2001, JOH	A Table of Management .	

+44 21962 8189 TATENT PAGE. 06 **REEL: 12450 FRAME: 0551** 

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CITY	and (2) at Tucson, AZ	SIGNATURE
DATE	on, 2001, DENNIS HURLEY BYRNE	INVENTOR
CITY DATE	on 3 Jons 2002, 2001, ALLEN RONALD COX	signature Inventor
CITY DATE	and (4) at Tucson, AZ on, 2001, DAVID MICHAEL DAVIS	SIGNATURE INVENTOR
CITY	and (5) at Tucson, AZ on, 2001, JAMES MITCHELL KARP	SIGNATURE INVENTOR

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