FORM PTO-1595/Modified US. DEPARTMENT OF COMMERCE 101654217 Page 1 of 1 Patent and Trademark Office RECORDATION FORM COVER SHEET 3/19/01 PATENTS ONLY To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy ti 1. Names of conveying parties: HASSNER, Martin Aureliano LAMBERTS, Bernd STANLEY, Thomas Earl 2. Name and address of receiving party: International Business Machines Corporation New Orchard Road Armonk, NY 10504 3. Nature of conveyance: Assignment Execution Date: 02/07/2001 (By first named inventor) 09/811882 Docket No.: AM9990008 4. Application number: 09/ If this Assignment is being filed together with a new application, enter the execution date of the application (date Declaration signed by first named inventor): 02/07/2001 5. Name and address of party to whom correspondence concerning Assignment should be mailed: Samuel A. Kassatly 6819 Trinidad Drive San Jose, CA 95120 Tel: (408) 323-5111 6. Total number of applications involved: 1 7. Total fee (37 CFR 3.41) = \$40.008. Charge any deficiency in the fee to Deposit Account No. 50-0219 DO NOT USE THIS SPACE 03/22/2001 JBALINAN 00000030 09811882 40.00 DP 02 FC:581 9. 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, 03/19/2001 Samuel A. Kassatly Signature of Attorney Date **Attorney Name**

04-02-2001

ASSIGNMENT

Whereas, I,

(1)	MARTIN AURELIANO HASSNER		
	City of Mountain View	County of Santa Clara	State of California
(2)	BERND LAMBERTS City of Cupertino	County of Santa Clara	State of California
(3)	THOMAS EARL STANLEY City of Gilroy	County of Santa Clara	state of California

have invented certain improvements in:

"PROGRAMMABLE MULTI-LEVEL TRACK LAYOUT METHOD AND SYSTEM FOR OPTIMIZING ECC REDUNDANCY IN DATA STORAGE DEVICES"

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

(1) <u>February 7, 2001</u>

(2) _____

(3) March 13, 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, 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.

Page 2 of 2

Docket AM9-99-0008

Execution by Inventor

(1)	Inventor: Signature	Hassner, Martin A.	City/State: $A = J = A$ Date $\frac{2}{7}/2001$
(2)	Inventor: Signature	Lamberts, Bernd	City/State:
(3)	Inventor: Signature	Stanley, Thomas Earl	City/State: GILRUT (ALIFORNIA Date 3/13/2001

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(3)	THOMAS EARL STANLEY City of Gilroy	County of Santa Clara	State of California

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

(1) _____

(2) February 16, 2001

(3) _____

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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.

Page 2 of 2

Docket AM9-99-0008

Execution by Inventor

(1)	Inventor:	Hassner, Martin A.	City/State:
	Signature		Date
(2)		Lamberts, Bernd	City/State: SAN JOSE Date <u>16/2/2007</u>
(3)	Inventor: Signature	Stanley, Thomas Earl	City/State: Date

RECORDED: 03/19/2001