FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)



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Execution I	Date: (1) November 6, 2001,	, (2) November 19, 2001	
4. Applicat	tion number(s) or patent nun	nber(s):	
If this de	ocument is being filed togeth	ner with a new application, 1	the execution date of the application is: November 6, 2001
	Application No.(s)		B. Patent No.(s)
A. Falen A		a (b	
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5. Name ai	nd address of party to whom cor hould be mailed:	correspondence concerning	6. Total number of applications and patents involved: One
document sh			7. Total fee (37 CFR 3.41): \$40
Name:	George H. Gates		⊠ Enclosed
Address:	GATES & COOPER LLP 6701 Center Drive West, Suit		
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PATENT REEL: 012331 FRAME: 0233

ASSIGNMENT

Whereas, we,

(1)	David R. Hall
	City of Rochester
	County of Olmstead
	State of Minnesota
(2)	<u>Nyles N. Heise</u>
	City of San Jose
	County of Santa Clara

State of California

have invented certain improvements in (Title of Invention):

COMMAND AGING METHOD FOR DATA STORAGE DEVICES

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

(1)	November	6,	2001	
• /	NT 1	10	0001	

November 19, 2001 (2)

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 for 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.

Execution by Inventors

Inventor David R. Hall (1)

Signature

Dand K

Inventor Nyles N. Heise (2)

Signature Klas Shin

City/State_Kochester_MN Date_/1/06/01____

City/State SAN JOSE, CA Date 1/19/01

PATENT REEL: 012331 FRAME: 0234

RECORDED: 11/27/2001