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01-21-1999



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office IBM Docket No.: Y09-98-286

100947082 To the Honorable Commissioner of Pater

nal documents or copy thereof.

1. Name of conveying party(ies): Timothy J. Chainer Claude A. Greengard William R. Pulleyblank Charles P. Tresser Chai W. Wu Additional names of conveying party(ies) attached? ☑ yes ☑ no 3. Nature of Conveyance ☑ Assignment ☐ Merger ☑ Security Agreement ☐ Change of Name ☑ Other Execution Date: 1/7/99, 1/7/99/ 1/7/99, 1/7/99, 1/7/99 4. Application number(s) or patent number(s): Title: METHOD AND APPARATUS FOR SECURELY DETERI	2. Name and address of receiving party(ies): Name: International Business Machines Corporation Internal Address: Street Address: City Armonk State New York Zip 10504 Additional name(s) & address(es) attached? Syes Pino		
If this document is being filed together with a new applicat	tion, the execution date of the application is		
A Patent Application No(s).	B. Patent No(s).		
09/228231 Additional numbers	attached? ☐ Yes ፡፡፡ No		
5. Name and address of party to whom correspondence concerning document should be mailed: Marshall M. Curtis, Esq. Whitham, Curtis & Whitham 11800 Sunrise Valley Drive - Ste. 900 Reston, Virginia 20191	6. Total number of applications and patents involved::		
	8. Deposit account number:		
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PATENTO 100

REEL: 9701 FRAME: 0601

Docket No.: YO9-98-286

ASSIGNMENT

Whereas, we

inventor (1) and city	Timothy J. Chainer County of Putnam	City of Mahopae and State of New York					
Inventor (2) and city	Claude A. Greengard County of Westchester	City of Chappaqua and State of New York					
inventor (3) and city	William R. Pulleyblank County of Westchester	City of Croton-on-Hudson and State of New York					
Inventor (3) and city	Charles P. Tresser County of Westchester	City of Mamaroneck and State of New York					
Inventor (4) and city	Chai W. Wu County of Dutchess	City of Poughquag and State of New York					
	have invented certain improvem						
TITLE	METHOD AND APPARATUS FOR SECURELY DETERMINING ASPECTS OF THE HISTORY OF A GOOD						
	and have executed, respectively, a	United States patent application therefor on					
DATES THAT INVENTORS SIGNED THE DECLARATION		and (4) 199	9, and 9,				
	of business at Armonk, New York	L BUSINESS MACHINES CORPORATION 10504, (hereinafter called IBM), desires to act to any United States and foreign patents to be	, a corporation of New York, having a place equire the entire right, title and interest in the obtained therefor;				
A-C	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 invention 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.						
	(1) Signed and sealed						
CITY DATE	at Yokktown Hellins on Tan 7 TH 1999	Timothy J. MIDDLE INITIAL	Chainer INVENTOR L LAST NAME				
		day of Janes 7 1977, before personally known, and known to me to be the and he acknowledged to me that he executed	e person described in and who				
	State of New York County of he established	Mary Notary	Deth pello				
		MARY BETH MY Notary Papine, State o Ro. 452134' Qualified in Putnam Term Expires 222	LLER i New York 7 r County				

PATENT REEL: 9701 FRAME: 0602

Docket No.: YO9-98-286

(2) CITY DATE	Signed and Sealed at Verlaton Kurkts on Jan 7 1999,	Claude FIRST NAME	lo	A. DLE INITIAL	Greengard LAST NAME	SIGNATURE INVENTOR
INVENTOR	executed the foregoing assignment, and State of Vew York Note	sonally known, a the acknowledge MARY BETH asy Public, State No. 4521	and known to ed to me that MILLER of New Yor 347	me to be the pe	personally came erson described in an esame as his free ac	ad who tand deed.
(3) CITY DATE	Signed and Sealed at Yorkfown Herry on Jan 7 1999	William FIRST NAME	K	R. CLE INITIAL	Pulleyblank LAST NAME	SIGNATURE INVENTOR
INVENTOR	executed the foregoing assignment, and State of New York Notary P	he acknowledge ARY BETH MILLI Public State of I No. 4521347 Jied in Putham C	ind known to ed to me that ER New York	me to be the pe	personally came rson described in an same as his free act	d who and deed.
(4) CITY DA'TE	Signed and sealed at Yak town Hughts on 01 / 07 1991,	Charles FIRST NAME	Notary Le	P. LE INITIAL	Tresser LAST NAME	SIGNATURE INVENTOR
INVENTOR	executed the foregoing assignment, and	he acknowledge RY BETH MILLSI blic. State of No.	nd known to ed to me that R	me to be the pe	same as his free act	d who and deed,
(5) CITY DATE	Signed and sealed at Yorktown Heights on Jan 7, 1991, _	No. 452: 347 ad in Putnum Bo es 28:54 Chai FIRST NAME	The V	Notary V. LE INITIAL	Wu LAST NAME	SIGNATURE INVENTOR
INVENTOR	On this 7 11 de Charles War to me persone executed the foregoing assignment, and State of New York County of Westchester	lay of Jano onally known, an he acknowledge	nd known to ad to me that	me to be the per he executed the	personally came rson described in an same as his free act	and deed.
				MAR Botary Publ	Y BETH MILLER ic, Stell of New Yor lo. 4521147 in Putnam County	

Term Expires 223 75

PATENT **REEL: 9701 FRAME: 0603**

RECORDED: 01/11/1999