PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Frederick G Stock	11/21/2006
Joseph M Swingler	12/04/2006

RECEIVING PARTY DATA

Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION	
Street Address:	NEW ORCHARD ROAD	
City:	ARMONK	
State/Country:	te/Country: NEW YORK	
Postal Code:	10504	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	11613707	

CORRESPONDENCE DATA

Fax Number: (847)905-7111

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (847) 905-7111

Email: jcruz@cardinallawgroup.com
Correspondent Name: CARDINAL LAW GROUP

Address Line 1: 1603 ORRINGTON AVENUE, SUITE 2000

Address Line 4: Evanston, ILLINOIS 60201

ATTORNEY DOCKET NUMBER: TUC920060165US1

NAME OF SUBMITTER: Frank C. Nicholas

Total Attachments: 2

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PATENT REEL: 018732 FRAME: 0851

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Docket No.: TUC920060165US1, Page 1 (9400/82)

ASSIGNMENT

Where	eas, we,
(1)	FREDERICK G. STOCK of PITTSBURGH County of ALLEGHENY and State of PENNSYLVANIA
(2)	JOSEPH M. SWINGLER of TUCSON County of PIMA and State of ARIZONA

have invented certain improvements in

IMMEDIATE COPY TARGET PULL OF VOLUME DATA

and executed a United Sta	tes patent app	olication there	fore on: (Date Inventor Signed Deciaration
(1), 2006;	and (2)	/ 	2006.
York, having a place of bu	siness at Arm and interest in	onk, New Yor the said applic	S CORPORATION, a corporation of New k 10504, (hereinafter called IBM), desires to cation and invention, and to any United States
above named, hereby sell, as and interest in the said applicountries, and all rights of prequest the Commissioner of said application to IBM, its agree that IBM may apply for	sign, and trans cation and inversiority resulting Patents to iss successors and or foreign Lette	sfer to IBM, its ention therein g from the filin ue any Letters assigns; and l ers Patent on sa	ipt whereof is hereby acknowledged. I, the successors and assigns, the entire right, title disclosed for the United States and foreigning of said United States application, and I Patent granted upon the invention set forth in hereby and invention and I will execute all papers in applications when called upon to do so by
(1) Signed at	on	, 2006.	Frederick G. Stock
(2) Signed at <u>ें अक्टूब्ल्स्ट</u>	on	. 2006.	Joseph M. Swingler

PATENT REEL: 018732 FRAME: 0852

Docket No.: TUC920060165US1, Page 1 (9400.82)

ASSIGNMENT

Whereas, wo.

- FREDERICK G. STOCK of PITTSBURGH, County of ALLEGHENY and State of PENNSYLVANIA
- (2) JOSEPH M, SWINGEER of TUCSON County of PIMA and State of ARIZONA

have invented certain improvements in
IMMEDIATE COPY TARGET PULL OF VOLUME DATA
and executed a United States patent application therefore on: (Date Inventor Signed Declaration
13 Nov 31 2005, and (2) 2036.
Withereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (heremafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and three gap patents to be obtained therefore;
Now therefore, for a valuable consideration, receipt whereof is noreby acknowledged. If 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 or unities, and all lights of priority resulting from the filling of said United States application, and I request the Commissioner of Patents to issue any I errors Patent granted upon the invention set forth in said application to IBM, his 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
11. Signed at Pittsburghon, Nov 21. 2006. Frederick G. Stock
,
124 Signed at on 2006