

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Frederick G Stock</td><td>11/21/2006</td></tr><tr><td>Joseph M Swinger</td><td>12/04/2006</td></tr></tbody></table>	Name	Execution Date	Frederick G Stock	11/21/2006	Joseph M Swinger	12/04/2006	
Name	Execution Date						
Frederick G Stock	11/21/2006						
Joseph M Swinger	12/04/2006						
RECEIVING PARTY DATA							
Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION						
Street Address:	NEW ORCHARD ROAD						
City:	ARMONK						
State/Country:	NEW YORK						
Postal Code:	10504						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11613707</td></tr></tbody></table>	Property Type	Number	Application Number:	11613707			
Property Type	Number						
Application Number:	11613707						
CORRESPONDENCE DATA							
Fax Number:	(847)905-7111						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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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CH \$40.00 11613707

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PATENT
REEL: 018732 FRAME: 0851

ASSIGNMENT

Whereas, 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 States patent application therefore on: *(Date Inventor Signed Declaration)*

- (1) _____, 2006; and (2) _____, 2006.

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 therefore:

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 invention 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 called upon to do so by IBM.

(1) Signed at _____ on _____, 2006. _____
Frederick G. Stock

(2) Signed at _____ on _____, 2006. _____
Joseph M. Swinger

Docket No.: TUC920060165US1 Page 1
(9400.82)

ASSIGNMENT

Whereas, 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 States patent application therefore on: *(Date Inventor Signed Declaration)*

(1) Nov 21, 2006, and (2) _____, 2006.

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 therefore;

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 invention 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 called upon to do so by IBM.

(1) Signed at Pittsburgh, PA on Nov 21, 2006. Frederick G. Stock
Frederick G. Stock

(2) Signed at _____ on _____, 2006. _____
Joseph M. Swingler