

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Douglas Lee LEHR	07/18/2008
Franklin Emmert MCCUNE	07/18/2008
David Charles REED	07/18/2008
Max Douglas SMITH	07/18/2008
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	
Property Type	Number
Application Number:	12180363
CORRESPONDENCE DATA	
Fax Number:	(310)556-7984
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	3105567983
Email:	patricia@ipmatters.com
Correspondent Name:	Rabindrananth Dutta
Address Line 1:	315 S. Beverly Drive, Suite 210
Address Line 4:	Beverly Hills, CALIFORNIA 90212
ATTORNEY DOCKET NUMBER:	TUC920080116US1 (18.322)
NAME OF SUBMITTER:	Patricia McLaughlin
Total Attachments: 2 source=TUC920080116US1(18.322)_Assignment#page1.tif	

CH 12180363 \$40.00

500638697

PATENT
REEL: 021484 FRAME: 0302

ASSIGNMENT

Whereas, we

- | | |
|----------------------------|--|
| (1) Douglas Lee LEHR | of Tucson,
State of AZ, and
County of Pima |
| (2) Franklin Emmert MCCUNE | of Tucson,
State of AZ, and
County of Pima |
| (3) David Charles REED | of Tucson,
State of AZ, and
County of Pima |
| (4) Max Douglas SMITH | of Tucson,
State of AZ, and
County of Pima |

have invented certain improvements in:

TRANSITIONAL REPLACEMENT OF OPERATIONS PERFORMED BY A CENTRAL HUB

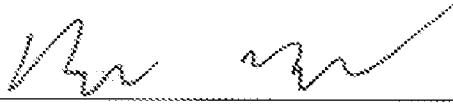
and executed, respectively, a United States patent application therefore on:

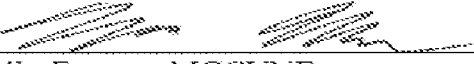
- (1) 7/11, 2008, (2) 7/18, 2008, (3) 7/18, 2008 and
(4) 7/18, 2008

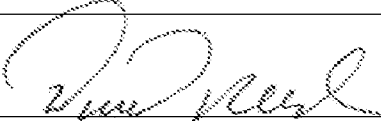
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM CORPORATION), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

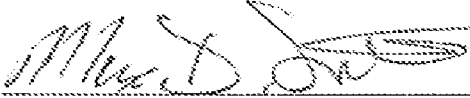
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM CORPORATION, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all 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 CORPORATION, its successors and assigns; and I hereby agree that IBM CORPORATION 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 CORPORATION.

Signed and sealed

CITY DATE	(1) at <u>Tucson</u> on <u>7/11</u> 2008	 _____ Douglas Lee LEHR	SIGNATURE INVENTOR
--------------	--	---	-----------------------

CITY DATE	(2) at <u>Tucson</u> on <u>7/18</u> , 2008	 Franklin Emmert MCCUNE	SIGNATURE INVENTOR
--------------	---	--	-----------------------

CITY DATE	(3) at <u>Tucson</u> on <u>7/18</u> , 2008	 David Charles REED	SIGNATURE INVENTOR
--------------	---	--	-----------------------

CITY DATE	(4) at <u>Tucson</u> on <u>7/18/08</u> , 2008	 Max Douglas SMITH	SIGNATURE INVENTOR
--------------	--	---	-----------------------