

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael Thomas BENHASE	12/04/2007
Shachar FIENBLIT	12/06/2007
Matthew Joseph KALOS	12/05/2007
Gail Andrea SPEAR	12/06/2007
Sonny Earl WILLIAMS	12/05/2007

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:	11952025

CORRESPONDENCE DATA

Fax Number: (310)556-7798

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Correspondent Name: Konrad Raynes & Victor, LLP

Address Line 1: 315 S. Beverly Drive Ste. 210

Address Line 4: Beverly Hills, CALIFORNIA 90212

ATTORNEY DOCKET NUMBER: TUC920070200US1 (18.265)

NAME OF SUBMITTER: Karlin Meehan

Total Attachments: 4

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PATENT

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ASSIGNMENT

Whereas, we

- (1) Michael Thomas BENHASE of Tucson,
State of Arizona, and
County of Pima
- (2) Shachar FIENBLIT of Ein Ayala,
State of IL
- (3) Matthew Joseph KALOS of Tucson,
State of AZ, and
County of Pima
- (4) Gail Andrea SPEAR of Tucson,
State of AZ, and
County of Pima
- (5) Sonny Earl WILLIAMS of Tucson,
State of AZ, and
County of Pima

have invented certain improvements in:

DETERMINING WHETHER TO USE A REPOSITORY TO STORE DATA UPDATED DURING A RESYNCHRONIZATION

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

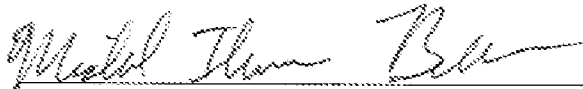
- (1) 12/4, 2007, (2) _____, 2007, (3) 12/5, 2007, (4) 12/6, 2007 and
(5) 12/5, 2007

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 (1) at TUCSON
DATE on 12/4, 2007


Michael Thomas BENHASE

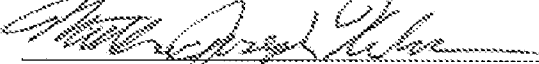
SIGNATURE
INVENTOR

CITY (2) at _____
DATE on _____, 2007

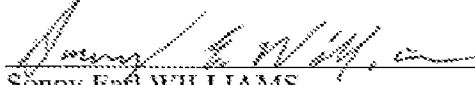
Shachar FIENBLIT

SIGNATURE
INVENTOR

PATENT

CITY	(3) at	Tucson		SIGNATURE
DATE	on	12/5	Matthew Joseph KALOS	INVENTOR
		2007		

CITY	(4) at	Tucson		SIGNATURE
DATE	on	12/6	Gail Andrea SPEAR	INVENTOR
		2007		

CITY	(5) at	Tucson		SIGNATURE
DATE	on	12/5	Sonny Earl WILLIAMS	INVENTOR
		2007		

ASSIGNMENT

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have invented certain improvements in:

DETERMINING WHETHER TO USE A REPOSITORY TO STORE DATA UPDATED DURING A RESYNCHRONIZATION

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

- (1) _____, 2007, (2) Dec 6, 2007, (3) _____, 2007, (4) _____, 2007 and
(5) _____, 2007

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	(1) at _____		SIGNATURE
DATE	on _____, 2007	Michael Thomas BENHASE	INVENTOR
CITY	(2) at <u>Haifa</u>	<u>Shachar</u>	SIGNATURE
DATE	on <u>Dec 6</u> , 2007	Shachar FIENBLIT	INVENTOR

CITY	(3) at _____	_____	SIGNATURE
DATE	on _____, 2007	Matthew Joseph KALOS	INVENTOR

CITY	(4) at _____	_____	SIGNATURE
DATE	on _____, 2007	Gail Andrea SPEAR	INVENTOR

CITY	(5) at _____	_____	SIGNATURE
DATE	on _____, 2007	Sonny Earl WILLIAMS	INVENTOR