PATENT ASSIGNMENT

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Nicholas D. Fifer	04/16/2007
Itzhack Goldberg	04/17/2007
Julianne F. Haugh	04/24/2007

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:	11743297

CORRESPONDENCE DATA

Fax Number: (520)770-2233

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

Phone: 520-770-8700
Email: kmaas@quarles.com
Correspondent Name: Quarles & Brady LLP
Address Line 1: One South Church Avenue
Address Line 2: Suite 1700
Address Line 4: Tucson, ARIZONA 85701

ATTORNEY DOCKET NUMBER:	TUC920070030US1
NAME OF SUBMITTER:	Gavin Milczarek-Desai

Total Attachments: 6
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ASSIGNMENT

INVENTOR
AND CITY

(1)   Nicholas D. Fifer   of Tucson, Arizona
                               Pima County

(2)   Itzhack Goldberg   of Hadera, Israel

(3)   Julianne F. Haugh   Austin, Texas
                               Travis County

have invented certain improvements in

TITLE

"Implicit Authentication to Computer Resources and Error Recovery"

and executed, respectively, a United States Patent application therefor on:

DATE THAT
INVENTOR
SIGNED THE
DECLARATION

(1) _April 16th_____, 2007

(2) _____, 2007

(3) _____, 2007

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 therefor;

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 inventions 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-

CITY   (1)   ~~at Tucson, Arizona~~ *Newark, New Jersey* ^nf

DATE   on _April 16th_ , 2007

Nicholas D. Fifer

CITY   (2)   at Hadera, Israel

DATE   on _____, 2007

Itzhack Goldberg

CITY   (3)   at Austin, Texas

DATE   on _____, 2007

Julianne F. Haugh

-2-

ASSIGNMENT

INVENTOR AND CITY	(1)	Nicholas D. Fifer	of Tucson, Arizona Pima County
	(2)	Itzhack Goldberg	of Hadera, Israel
	(3)	Julianne F. Haugh	Austin, Texas Travis County

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(1) _____ , 2007

(2) _____ April 17 _____ , 2007

(3) _____ , 2007

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CITY (1) at Tucson, Arizona

DATE on _____ , 2007 _____
                                      Nicholas D. Fifer

CITY (2) at ~~Hadera~~ *HAIFA*, Israel

DATE on _APRIL 17_ , 2007 *ITZHACK GOLDBERG* _____
                            Itzhack Goldberg

CITY (3) at Austin, Texas

DATE on _____ , 2007 _____
                                      Julianne F. Haugh

-2-

TUC920070030US1

ASSIGNMENT

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AND CITY

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DATE THAT
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SIGNED THE
DECLARATION

(1) _____ , 2007

(2) _____ , 2007

(3) _~~April 24th~~_____ , 2007

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 therefor;

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-1-

TUC920070030US1

CITY   (1)   at Tucson, Arizona

DATE   on _____, 2007   _____
                                                      Nicholas D. Fifer

CITY   (2)   at Hadera, Israel

DATE   on _____, 2007   _____
                                                      Itzhack Goldberg

CITY   (3)   at Austin, Texas

DATE   on _April 24th_____, 2007   _____
                                                      Julianne F. Haugh

-2-

PATENT
REEL: 019238 FRAME: 0008