PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Rhonda L. Childress	01/28/2008
Itzhack Goldberg	01/29/2008
David Bruce Kumhyr	01/25/2008
Moriel Lechtman	01/28/2008

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:	12033680

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ATTORNEY DOCKET NUMBER:	AUS920071089US1
NAME OF SUBMITTER:	Duke W. Yee

Total Attachments: 6

PATENT REEL: 020530 FRAME: 0302

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PATENT REEL: 020530 FRAME: 0303

ASSIGNMENT

Whe	rea	ıs,	we,
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(1) Rhonda L. Childress County of Williamson

of <u>Austin</u>

and State of Texas

and

(2) <u>Itzhack Goldberg</u> of <u>Hadera</u>
District of <u>Haifa</u> and Country of <u>Israel</u>

and

(3) David Bruce Kumhyr County of Travis

of Austin

and State of Texas

and

(4) Moriel Lechtman District of Haifa

of <u>H</u>aifa

and Country of Israel

have invented certain improvements in

Previous Password Based Authentication

		respectively,					therefore	on
(Dat	es Invento	rs Signed Decla	aration) (1) 28	Jano	<u> </u>		
$\binom{(2)}{(4)}$				(3) <u> </u>	s van	08	, a.	nd
(4)			···································					

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, we, 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 in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we 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 we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed in Austin TY on 28 Jan 08.

Bronda & Childress

Page 1 of 2

PATENT REEL: 020530 FRAME: 0304

and	(2)	Signed :	in	location		on	date	·
							Itzhac	k Goldberg
and	(3)	Signed :	in	Austin	TX	on	25 Jan 0	<u>8</u>
					0-	D Rus	David Br	uce Kumhyr
and	(4)	Signed :	in	location		on	date	•

Moriel Lechtman

ASSIGNMENT

Whereas, we,	
(1) Rhonda 1. Childress County of <u>Williamson</u>	of <u>Austin</u> and State of <u>Texas</u>
and	
(2) Tryhack Goldberg District of Haifa	of Hadera and Country of Israel
and	
(3) David Bruce Kumhyr County of <u>Travis</u>	of <u>Austin</u> and State of <u>Texas</u>
and	
Marine Administration of the Control	of <u>Haifa</u> and Country of <u>Israel</u>
have invented certain improvements	in
Previous Passwo	rd Based Authentication
and executed, respectively, a Unit (Date: Inventors Signed Declaration (2) 9 9/20/20/2007 (4)	ed States patent application therefore on (1), and
New York, having a place of busine called IBM), desires to acquire the	ESS MACHINES CORPORATION, a corporation of ss at Armonk, New York 10504, (hereinafter se entire right, title and interest in the d to any United States and foreign patents
acknowledged, we, the above named IBM, its successors and assigns, to said application and invention the foreign countries, and in all fore resulting from the filing of said the Commissioner of Patents to invention set forth in said applicant and we hereby agree that IBM may invention and we will execute all	e consideration, receipt whereof is hereby d, hereby sell, assign, and transfer to he entire right, title and interest in the erein disclosed for the United States and right countries, and all rights of priority United States application, and we request save any Letters Patent granted upon the sation to IBM, its successors and assigns; apply for foreign Letters Patent on said papers necessary in connection with the ons when called upon to do so by IBM.
(1) Signed in	on
location	qate
	Rhonda L. Childress

Page 1 of 2

PATENT REEL: 020530 FRAME: 0306

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and	(3)	Signed	in	location		on	date	 '
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and	(4)	Signed	in	location		on	date	- ·
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ASSIGNMENT

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and		
(2) Itaback Gridberg District of Halfa		of Hadera and Country of <u>Israel</u>
and		
(3) lavid Brose Kumhy County of Iravis		of <u>Austin</u> and State of <u>Texas</u>
a.Del		
(4) Moriel Leontman Pastrict of Haifa		of <u>Haifa</u> and Country of Israel
case invented tentair	inprovements i	
F	revious Passwore	d Based Authentication
(Dates Inventors Sign	ed Declaration,	d States patent application therefore on (1) , and , and
New York, having a posalied IBM), desires	lace of busines to acquire the invention, and	SS MACHINES CORPORATION, a corporation of at Armonk, New York 10504, (hereinafter entire right, fitle and interest in the to any United States and foreign patents
acknowledged, we, to IBM, its successors a said application and foreign countries, a resulting from the fithe Commissioner of invention set forth and we hereby agree invention and we will	he above named and assigns, the invention them of the foreign part of said to patents to issent applies that IBM may all execute all	consideration, receipt whereof is hereby, hereby sell, assign, and transfer to entire right, title and interest in the sein disclosed for the United States and gn countries, and all rights of priority United States application, and we request sue any Letters Patent granted upon the tion to IBM, its successors and assigns; apply for foreign Letters Patent on said papers necessary in connection with the ms when called upon to do so by IBM.
(1) Signed in	The state of the s	on
	iocation	date

Page 1 of 2

Rhonda L. Chilares:

IBM DOCKET NO. AUS9200/1089US1

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Page 2 of 2 REEL: 020530 FRAME: 0309

RECORDED: 02/20/2008