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To the Honorable Commissioner of Patents and Trademarks: 1. Name of conveying party(ies): Khalid Asad, Michael A. Brown,	Name and address of receiving party(ies) Name: International Business Machines Corporation	
Adarsh Gupta and Manjit Singh Kohli		
Additional name(s) of conveying party(ies) attached? Yes X No	Internal Address: Street Address: New Orchard Road	
3. Nature of conveyance:		
X Assignment Merger Change of Name	City: Armonk State: NY ZIP: 10504	
Security Agreement Change of Rame Other Execution Dates: 3/31/99, 6/4/99, 5/10/99 and 4/1/99	Additional name(s) & address(es) attached? Yes X No	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:		
A. Patent Application No.(s) 8. Patent No.(s) 9/223,803 Additional numbers a	ttached? _ Yes <u>X</u> No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: William E. Lewis Internal Address: Ryan, Mason & Lewis, LLP	7. Total Fee (37 CFR 3.41) \$ 40.00 Enclosed	
Street Address: 90 Forest Avenue City: Locust Valley State: NY ZIP: 11560	X Authorized to be charged to deposit account	
City. Docust valley State. 111 == 1 = 1	8. Deposit account number 09-0459	
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.		
William E. Lewis Reg. No. 39,274 Signature	January 16, 2003 Date	
Total number of pages including cover sheet, attachments, and document5		
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PATENT REEL: 013366 FRAME: 0123

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Docket No. <u>SE9-98-029 (1963-7247)</u> ___

ASSIGNMENT

Whereas, we

(1) KHALID ASAD County of FREDERICK

(2) MICHAEL A. BROWN County of FAIRFAX

- (3) ADARSH GUPTA County of MONTGOMERY
- (4) MANJIT SINGH KOHLI County of MONTGOMERY

and (5) J. MATTHEW SEBASTIAN County of FAIRFAX

City of FREDERICK and State of MARYLAND

703 412 2099 TO 97033065995

City of VIENNA and State of VIRGINIA

City of POTOMAC and State of MARYLAND

City of GERMANTOWN and State of MARYLAND

City of **RESTON** and State of VIRGINIA

We have invented certain improvements in

KEY RING ORGANIZER FOR AN ELECTRONIC BUSINESS SYSTEM USING PUBLIC KEY INFRASTRUCTURE

and have executed, respectively, a United States patent application therefor on

(1)
$$3/3/$$
, 1999; (2) , 1999; (3) M_{ex}/O , 1999; (4) $1/PR$, 1999, and (5) , 1999

And 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 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.

SIGNED

(1) at Gaifferiburs 172 Khalid April
on 3/11/55 KHALID ASAD

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PATENT REEL: 013366 FRAME: 0124

(2) at ,	MICHAEL A. BROWN
on (3) at Po have a	Aland Carlo
on 101Mag	ADARSH GUPTA
on 1APR.	RSBURG MD MANTIT SINGH KOHLI
(5) at ,	J. MATTHEW SEBASTIAN

Docket No. SE9-98-029 (1963-7247)

ASSIGNMENT

Whereas, we

- (1) KHALID ASAD County of FREDERICK
- (2) MICHAEL A. BROWN County of FAIRFAX ,
- (3) ADARSH GUPTA County of MONTGOMERY
- (4) MANJIT SINGH KOHLI
 County of MONTGOMERY
- and (5) J. MATTHEW SEBASTIAN
 County of FAIRFAX,

City of FREDERICK and State of MARYLAND

City of VIENNA, and State of VIRGINIA

City of POTOMAC, and State of MARYLAND

City of GERMANTOWN and State of MARYLAND

City of RESTON, and State of VIRGINIA

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and have executed, respectively, a United States patent application therefor on

(1) , 1999; (2)
$$6/4/$$
, 1999; (3) , 1999; (4) , 1999, and (5) , 1999

And 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 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.

SIGNED

(1) at on

KHALID ASAD

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PATENT REEL: 013366 FRAME: 0126

(2) at on	,	MICHAEL A. BROWN
(3) at on	7	ADARSH GUPTA
(4) at · on		MANTIT SINGH KOHLI
(5) at	,	J. MATTHEW SEBASTIAN

RECORDED: 01/17/2003