

08-17-1999

To the Honorable Commissioner of Patents and Trademarks

Please record the attached original documents or copy th

August 4, 1999
Attorney Dkt: 5577-162



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1. Name of conveying party(ies):
Stephen Michael Matyas, Jr.
Mohammad Peyravian
Allen Leonid Roginsky
Nevenko Zunic

2. Name and address of receiving party(ies):

International Business Machines Corporation
Armonk, New York 10504

Additional name(s) of conveying party(ies) attached? ___ Yes X No

Additional name(s) & address(es) attached? ___ Yes X No

3. Nature of conveyance:

8-9-99

- X Assignment
___ Merger
___ Security Agreement
___ Change of Name
___ Other

Execution Date: July 23 and 26, 1999

4. Application Serial No. 09/335,378 Patent No. _____

If this document is being filed together with a new application, the execution date of the application is: _____

Additional numbers attached? ___ Yes X No

5. Name and address of party to whom correspondence concerning document should be mailed:

Timothy J. O'Sullivan
Myers Bigel Sibley & Sajovec
Post Office Box 37428
111 Corning Road, Suite 250
Raleigh, North Carolina 27627

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

___ Enclosed
X Authorized to be charged to deposit account

8. Deposit account number: **09-0461**

(Attach duplicate copy of this page if paying by deposit account)

08/16/1999 DCOATES 00000268 090461 09335378

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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.

Timothy J. O'Sullivan
Registration No. 35,632

Signature

8/14/99
Date

Total number of pages including cover sheet, attachments and document: 6

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Stephen Michael Matyas, Jr.**, citizen of the United States of America, residing at 10298 cedar Ridge Drive, Manassas, Virginia; **Mohammad Peyravian**, citizen of the United States of America, residing at 122 Lake Hollow Circle, Cary, North Carolina; **Allen Leonid Roginsky**, citizen of the United States of America, residing at 5610 Loyal Avenue, Durham, North Carolina; and **Nevenko Zunic**, citizen of the United States of America, residing at 45 Reggie Drive, Wappingers Fall, New York;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **BIOMETRIC BASED MULTI-PARTY AUTHENTICATION**, which was filed in the United States Patent and Trademark Office on June 17, 1999, under Serial No. 09/335,378, and

WHEREAS, **International Business Machines Corporation** (hereinafter referred to as "IBM"), a New York corporation having a principal place of business at Armonk, New York 10504, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all provisionals, continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

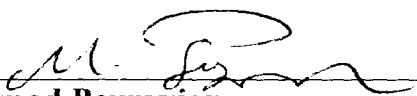
We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 23rd day of July, 1999.

Stephen M. Matyas Jr. (SEAL)
Stephen Michael Matyas, Jr.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 23 day
of July, 1999.




Mohammad Peyravian (SEAL)

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 26 day
of July, 1999.

Allen Leonid Roginsky (SEAL)
Allen Leonid Roginsky

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 26th day
of July, 1999.

 (SEAL)

Nevenko Zunic