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ket No. AUS9-2000-0255-US1

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PATENTS

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10969 U.S. PTO

09/667090



To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Messaoud Benantar
Thomas L. Gindin
Ivan Milman

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

International Business Machines
Corporation
New Orchard Road
Armonk, New York 10504

3. Nature of conveyance:

X Assignment

Execution Date: 9/15/00, 9/13/00 And 9/14/00

4. Application number(s) or patent number(s):

09/667090

If this document is being filed together with a new application, the execution date of the application is 9/16/00, 9/12/00 and 9/14/00

A. Patent Application No.(s)

B. Patent No.(s)

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

Jeffrey S. LaBaw
IBM Corporation
Intellectual Property Law
Internal Zip 4054
11400 Burnet Road
Austin, TX 78758
(512) 823-0494

6. Total number of applications and patents involved: 1

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

X Authorized to be charged to deposit account

8. Deposit account number:

09-0447

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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.

Jeffrey S. LaBaw
Name of Person Signing

Jeffrey S. LaBaw
Signature

9/21/00
Date

Total number of pages including cover sheet: 4

IBM DOCKET NO. AUS9-2000-0255-US1

A S S I G N M E N T

Whereas, we,

(1) Messaoud Benantar
County of Travisof Austin,
and State of Texas,

and

(2) Thoman L. Gindin
County of Montgomeryof Potomac,
and State of Maryland,

and

(3) Ivan Milman
County of Travisof Austin,
and State of Texas,

have invented certain improvements in

METHOD AND SYSTEM FOR COUPLING AN X.509 DIGITAL CERTIFICATE WITH A HOST
IDENTITY

and executed, respectively, a United States patent application therefore on
(Dates Inventors Signed Declaration) (1) Sep. 15, 2000, and (2) _____, 20____,
and (3) _____, 20____.

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
therefore;

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*.

(1) Signed at Austin, Tx on Sep. 15, 2000.Messaoud Benantar
Messaoud Benantar

and (2) Signed at _____ on _____, 20____.

Thomas L. Gindin

and (3) Signed at _____ on _____, 20____.

Ivan Milman

A S S I G N M E N T

Whereas, we,

(1) Messaoud Benantar
County of Travis

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and State of Texas,

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IDENTITY**

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(Dates Inventors Signed Declaration) (1) _____, 20____, and (2) Sept. 12, 2000,
and (3) _____, 20____.

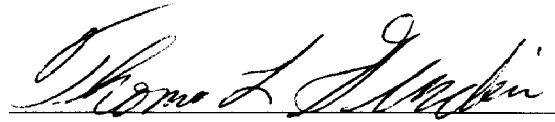
Whereas, *INTERNATIONAL BUSINESS MACHINES CORPORATION*, a corporation of New York, having
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and interest in the said application and invention, and to any United States and foreign patents to be obtained
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issue 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 at _____ on _____, 20____.

Messaoud Benantar

and (2) Signed at Bethesda MD on Sept. 13, 2000.



Thomas L. Gindin

and (3) Signed at _____ on _____, 20____.

Ivan Milman

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(Dates Inventors Signed Declaration) (1) _____, 20____, and (2) _____, 20____,
and (3) September 14, 2000.

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
therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above
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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.

(1) Signed at _____ on _____, 20____.

Messaoud Benantar

and (2) Signed at _____ on _____, 20____.

Thomas L. Gindinand (3) Signed at Austin on September 14, 2000.
Ivan Milman