

01-29-2002

In place of Form PTO-1595



Docket No. AUS920010943US1

101962179

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

1. Name of conveying party(ies):

Messaoud Benantar

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

International Business Machines Corporation

New Orchard Road

Armonk, New York 10504

1.10.02

3. Nature of conveyance:

X Assignment

Execution Date: 2.15.01

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

10/045112

If this document is being filed together with a new application, the execution date of the application is 2.15.01

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
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Signature

12/18/01
Date

Total number of pages including cover sheet: 2

01/28/2002 GTOW11 00000164 090447 10045112
01 FC:581 40.00 CH

PATENT
REEL: 012501 FRAME: 0659

A S S I G N M E N T

Whereas, I,

(1) Messaoud Benantar
County of Travis

of Austin,
and State of Texas,

have invented certain improvements in

METHOD AND SYSTEM FOR COMPUTING
DIGITAL CERTIFICATE TRUST PATHS USING TRANSITIVE CLOSURES

and executed, respectively, a United States patent application therefore on
(Dates Inventor Signed Declaration) (1) 12-15, 2001.

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 12-15, 2001

Messaoud Benantar
Messaoud Benantar