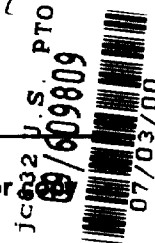


07-20-2000



101409180
RECORDATION FORM COVER SHEET
PATENTS ONLY



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

1. Name(s) of conveying party:

Jeffrey Bruce Lotspiech

2. Name and address of receiving party:

International Business Machines Corporation
New Orchard Road
Armonk, NY 10504

3. Nature of conveyance: Assignment

Execution Date: June 22, 2000

4. Application number:

Docket No.: ARC9-2000-0063-US1

If this Assignment is being filed together with a new application, enter the execution date of the
application (date Declaration signed): (1) June 22, 2000

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

John L. Rogitz
Rogitz & Associates
750 B Street, Suite 3120
San Diego, CA 92101

6. Total number of applications involved: 1

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

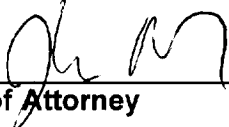
8. Charge fee to Deposit Account No. 09-0441

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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.

John L. Rogitz
Attorney Name


Signature of Attorney

7/3/00
Date

ASSIGNMENT

Whereas, I,

(1) JEFFREY BRUCE LOTSPIECH

City of San Jose

County of Santa Clara

State of California

have invented certain improvements in *(Title of Invention)*:

FAULT INTOLERANT CIPHER CHAINING

and executed a Declaration and Power of Attorney for a United States patent application therefor on

(1) June 22, 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 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 inventions 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.

Execution by inventor

(1) Inventor: JEFFREY BRUCE LOTSPIECH

City/State: San Jose, CA

Signature 

Date 6/22/2000