RECORDATION FOR

11-01-2000

To the Honorable Commissioner of Patent
original documents or copy thereof.

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ord the attached

OCT 10

1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
a) Marcos N. Novaes g) _____	Name: INTERNATIONAL BUSINESS
b) Gregory D. Laib h) _____	MACHINES CORPORATION
c) _____ i) _____	Address: New Orchard Road
d) _____ j) _____	Armonk, NY 10504
e) _____ k) _____	
f) _____ l) _____	
More names attached? ___Y x N	More names attached? ___Y x N

3. Nature of Conveyance: _x_ Assignment

4. Application number: 09/583,784   Filed: May 31, 2000
   Filed with new application: __ yes X no

   Execution date(s):

   a) September 26, 2000   g) _____
   b) September 7, 2000   h) _____
   c) _____   i) _____
   d) _____   j) _____
   e) _____   k) _____
   f) _____   l) _____
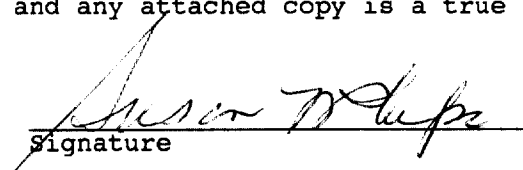
   Additional numbers attached? ___Y x N

5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total # of applications and patents involved: 01
Name: Lawrence D. Cutter	7. Total fee (37 CFR 3.41): $ 40.00 .
IBM Corporation	
Intellectual Property Law	
2455 South Road, M/S P386	8. Charge to Deposit Account 09-0463.
Poughkeepsie NY 12601	2 Assignments enclosed
(845) 433-1172	

11/01/2000 AANNED1 00000038 090463 09583784

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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.

   Susan L. Phelps   *[signature]*   10/05/00
                    Signature   Date

   Total number of pages including cover sheet, attachments, and document: 3

   Express Mail Label No. (if applicable): _____   Docket No.: POU920000009US1

A S S I G N M E N T

Whereas, we

    (1)   Marcos N. Novaes   of Hopewell Junction
            County of Dutchess   and State of New York

                        and

    (2)   Gregory D. Laib   of Kingston
            County of Ulster   and State of New York

have invented certain improvements in

**METHOD, SYSTEM AND PROGRAM PRODUCTS FOR RECOVERING FROM FAILURES
WITHIN A SHARED NOTHING DISTRIBUTED COMPUTING ENVIRONMENT**

and executed a United States Patent Application therefor on

(1)   *9/26/00*   and (2)_____ .

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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 the 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 Patents granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I 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 (City, State) *Poughkeepsie, NY*
       on   *9/26/00*   _____
                                Marcos N. Novaes

(2)   at (City, State)
       on _____   _____
                                Gregory D. Laib

-1-

A S S I G N M E N T

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           County of Dutchess   and State of New York

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(1) _____ and (2) _9/7/00_ .

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having a place of business at New Orchard Road, 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 the 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 Patents granted upon the invention set forth in said application to IBM,
its successors and assigns; and I hereby agree that IBM may apply for foreign
Letters Patent on said invention and I 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 (City, State)
      on _____

                                 Marcos N. Novaes

(2)   at (City, State)
      on _9/7/00_

                                 Gregory D. Laib

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