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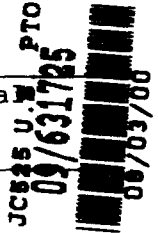
RECORDATION



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To the Assistant Commissioner of Patents:
documents or copy thereof.

1 original



1. Name of conveying party(ies):

Balaram Sinharoy

2. Name and address of
receiving party(ies):International Business
Machines Corporation
New Orchard Road
Armonk, New York 10504

3. Nature of conveyance:

X AssignmentExecution Date: 8-2-00

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

If this document is being filed together with a new application, the
execution date of the application is 8-2-00

A. Patent Application No.(s)

B. Patent No.(s)

09631725

5. Name and address of party to whom
correspondence concerning document
should be mailed:Anthony V. S. England
IBM Corporation
Intellectual Property Law
Internal Zip 4054
11400 Burnet Road
Austin, TX 78758
(512) 838-66406. Total number of applications
and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00X Authorized to be charged to
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and
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Name of Person Signing

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Signature

8/3/00

Date

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368:7047-P364USTotal number of pages including cover sheet: 2PATENT
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ASSIGNMENT

Whereas, I,

(1) Balaram Sinharoy, of Poughkeepsie,
County of Dutchess and state of New York,

have invented certain improvements in

GLOBAL HISTORY VECTOR RECOVERY CIRCUITS AND METHODS AND SYSTEMS USING THE SAME

and executed a United States patent application therefor on (date *Inventor signed Declaration*)
(1) August 2, 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 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 FISHKILL, NY on August 2, 2000.

Balaram Sinharoy
Balaram Sinharoy

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