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FORM PTO - 1595



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COVER SHEET

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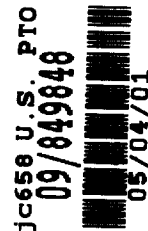
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Kenneth Mark Hunsinger Patrick P. Reynolds
Abdolreza Salahshour

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

05/04/01



Additional Names Attached? Yes No

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| 3. Nature of Conveyance | |
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Execution Date(s): 5/4, 4/30, 5/2, 2001

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

If this document is being filed with a new application, the execution date of the application is: 5/4, 4/30, 5/2, 2001

A. Patent Application No(s)

B. Patent No(s)

09/849848

Additional Numbers Attached? Yes No

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| 5. Name and Address of party to whom correspondence concerning the document should be sent: | 6. Total Number of applications and patents involved: | 1 |
|---|---|---|

Name: Gerald R. Woods

Internal Address:

IBM Corporation, T81/503

Street Address:

PO Box 12195

City/State/Zip: Res. Tri. Park, NC 27709

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PATENT

REEL: 011786 FRAME: 0794

IBM Docket No.: RSW920010087U 31

ASSIGNMENT

Whereas, we

-1 Kenneth Mark Hunsinger

of: Raleigh, North Carolina 27613-6142

and (2) Patrick P. Reynolds

of: Morrisville, North Carolina 27560

and (3) Abdolreza Salahshour

of: Raleigh, North Carolina 27613

have invented certain improvements in

Recycling Events to Take Advantage of Capabilities of a Management System

and have executed, respectively, a United States patent application therefor on

-1 5/4/01

-2 3/30/01

-3 5/2/01

And 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;

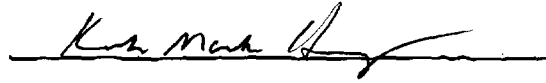
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign 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.

SIGNED AND SEALED

IBM Docket No.: RSW920010087U 31

(1) at: RTP, NC

on: May 4, 2001



Kenneth Mark Hunsinger

and (2) at: YORKTOWN HEIGHTS, NY

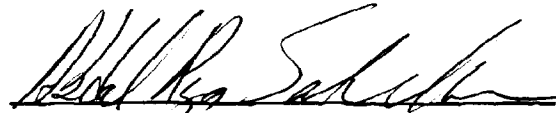
on: April 30, 2001



Patrick P. Reynolds

and (3) at: RTP, NC

on: May 2, 2001



Abdolreza Salahshour