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RECORDATION COVER SHEET - PATENT APPLICATION

NAME OF CONVEYING PARTY : Michael J. Branson,
Steven G. Halverson,
Andrew J. Streit,
Devaughn L. Rackham and
Susette M. Townsend

NAME OF RECEIVING PARTY : International Business Machines Corporation

ADDRESS OF RECEIVING PARTY : New Orchard Road
Armonk, New York 10504

NATURE OF CONVEYANCE : Assignment of U.S. patent application

CONVEYANCE EXECUTION DATE : July 1 and 8, 1998

PATENT APPLICATION NO. : To Be Assigned

APPLICATION FILED TOGETHER WITH THIS DOCUMENT : YES

APPLICATION EXECUTION DATE : July 1 and 8, 1998

CORRESPONDENCE ADDRESS : Christopher H. Lynt, Esq.
SHANKS & HERBERT
1033 N. Fairfax St., Suite 306
Alexandria, VA 22314

ATTORNEY REFERENCE : RO998-114-IBM-118

TOTAL NUMBER OF PATENTS AND APPLICATIONS INVOLVED : One

TOTAL FEE PAID : \$40.00

METHOD OF PAYMENT : **Authorized to be charged to IBM Corporation deposit account 09-0465**

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.

Christopher H. Lynt (33,619)

July 9, 1998
Date

CHL:chl

Total number of pages including cover sheet, attachments and documents 3

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07/16/1998 JMWTKINS 00000006 40.00 CH
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ASSIGNMENT

Whereas, we

- (1) Michael J. Branson, City of Rochester, County of Olmsted and State of Minnesota
(2) Steven G. Halverson, City of Rochester, County of Olmsted and State of Minnesota, and
(3) Andrew J. Streit, City of Rochester, County of Olmsted and State of Minnesota
(4) Devaughn L. Rackham, City of Rochester, County of Olmsted and State of Minnesota, and
(5) Susette M. Townsend, City of Rochester, County of Olmsted and State of Minnesota

have invented certain improvements in MECHANISM FOR ROUTING ASYNCHRONOUS STATE CHANGES IN A 3-TIER APPLICATION

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

Dates
Inventors (1) July 1, 1998, (2) July 8, 1998, (4) July 1, 1998, and (5) July 1, 1998.
Signed
Declaration (3) July 8, 1998

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.

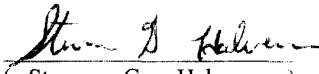
Signed

Inventor at Rochester, MN
(1) on July 1, 1998.

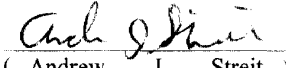
(Michael J. Branson)
First Name Initial Last Name
Inventor Signature

RO998-114-IBM-118

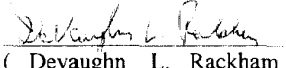
Inventor (2) at Rochester, MN
on July 8, 1993.


(Steven G. Halverson)
First Name Initial Last Name Inventor Signature


Inventor (3) at Rochester, MN
on July 8, 1993.


(Andrew J. Streit)
First Name Initial Last Name Inventor Signature

Inventor (4) at Rochester, MN
on July 1, 1993.


(Devaughn L. Rackham)
First Name Initial Last Name Inventor Signature

Inventor (5) at Rochester, MN
on July 1, 1993.


(Susette M. Townsend)
First Name Initial Last Name Inventor Signature