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RECORDATION FORM COVER SHEET
PATENTS

Docket No. AUS920040563US1

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

1. Name of conveying party(ies): (1) GIORA BIRAN (2) JOHN LEWIS HUFFERD (3) ZORIK MACHULSKY (4) VADIM MAKHERVAKS (5) RENATO JOHN RECIO Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Execution Date: <u>12/21/04</u> <u>1/7/05</u> <u>12/21/04</u> <u>12/20/04</u> <u>3/21/05</u>
2. Name and address of receiving party(ies): International Business Machines Corporation New Orchard Road Armonk, New York 10504	3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____

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:

A. Patent Application No.(s) 11/086713 B. Patent No.(s) _____

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

Thomas E. Tyson
IBM Corporation
Intellectual Property Law
11400 Burnet Road
Austin, TX 78758
(512) 823-1004

6. Total number of applications and patents involved: 1

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

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:

09-0447

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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.

Thomas E. Tyson
Name of Person Signing

Thomas E. Tyson
Signature

March 22, 2005
Date

Total number of pages including cover sheet: 9

PATENT

REEL: 016020 FRAME: 0137

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CH \$40.00 090447 10086713

IBM DOCKET NO. AUS920040563US1

A S S I G N M E N T

Whereas, we,

(1) Giora Biran of Zichron-Yaakov
and Country of Israel

and

(2) John Lewis Hufferd of San Jose
County of Santa Clara and State of California

and

(3) Zorik Machulsky of Gesher Haziiv
and Country of Israel

and

(4) Vadim Makhervaks of Austin
County of Travis and State of Texas

and

(5) Renato John Recio of Austin
County of Travis and State of Texas

have invented certain improvements in

SYSTEM AND METHOD FOR EFFICIENT IMPLEMENTATION OF A SHARED RECEIVE QUEUE

and executed, respectively, a United States patent application therefore on
(Dates Inventors Signed Declaration) (1) _____, 2004,
(2) _____, 2004, (3) _____, 2004,
(4) Dec, 20, 2004, and (5) 3/21/05, 2004.

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 therefore;

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.

IBM DOCKET NO. AUS920040563US1

(1) Signed at _____ on _____, 2004.

Giora Biran

and (2) Signed at _____ on _____, 2004.

John Lewis Hufferd

and (3) Signed at _____ on _____, 2004.

Zorik Machulsky

and (4) Signed at Austin, TX on Dec 20, 2004.

Vadim Makhervaks

and (5) Signed at Austin, TX on 3/21/05, 2004.

Renata John Rocio

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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.

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(1) Signed at _____ on _____, 2004.

Giora Biran

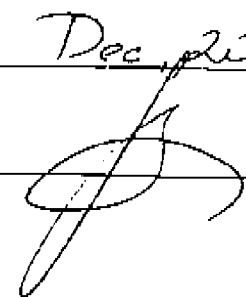
and (2) Signed at _____ on _____, 2004.

John Lewis Hufford

and (3) Signed at _____ on _____, 2004.

Zorik Muchulsky

and (4) Signed at Austin, TX on Dec 20, 2004.



Vadim Makhervaks

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Renato John Revia

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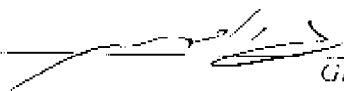
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(Dates Inventors Signed Declaration) (1) Dec. 21, 2004,
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John Lewis Hufford

and (3) Signed at Haifa on December 21, 2004.


Zorik Machulsky

and (4) Signed at _____ on _____, 2004.

Vadim Makhervaks

and (5) Signed at _____ on _____, 2004.

Renato John Recla