

12-04-2003

In place of Form PTO-1595

Docket No. RSW920030287US1



11.24.03

102815142

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

| | |
|---|---|
| <p>1. Name of conveying party(ies):</p> <p>(1) ARTHUR THOMAS JOLIN (2) YANG LEI (3) LAWRENCE SCOTT RICH (4) KEVIN JOE WILLIAMS</p> <p>Additional name(s) of conveying party(ies) attached? Yes <input checked="" type="checkbox"/> No</p> | <p>Execution Date:</p> <p><u>11/21/03</u> <u>11/21/03</u> <u>11/24/03</u> <u>11/24/03</u></p> |
| <p>2. Name and address of receiving party(ies):</p> <p>International Business Machines Corporation New Orchard Road Armonk, New York 10504</p> | <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment ___ Merger ___ Security Agreement ___ Change of Name ___ Other _____</p> |

22387 U.S. PTO
10720501



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

10720501

If this document is being filed together with a new application, the execution date of the application is:

(1) 11/21/03 (2) 11/21/03 (3) 11/24/03 (4) 11/24/03

A. Patent Application No.(s) _____ B. Patent No.(s) _____

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

Duke W. Yee
Carstens, Yee & Cahoon LLP.
P.O. Box 802334
Dallas, Texas 75380
(972) 367-2001

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: 09-0461

12/03/2003 DBYRNE 00000146 090461 10720501

01 FC:8021 40.00 DA

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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.

Duke W. Yee
Name of Person Signing

Duke W. Yee
Signature

11/24/03
Date

Total number of pages including cover sheet: 10

EXPRESS MAIL NO. BV333420437US

A S S I G N M E N T

Whereas, we,

(1) Timothy Marc Francis of Keswick
Providence of Ontario and Country of Canada

and

(2) Arthur Thomas Jolin of Chapel Hill
County of Chatham and State of North Carolina

and

(3) Yang Lei of Cary
County of Wake and State of North Carolina

and

(4) Lawrence Scott Rich of Cary
County of Wake and State of North Carolina

and

(5) Timo Juhani Salo of Cary
County of Wake and State of North Carolina

and

(6) Kevin Joe Williams of Colorado Springs
county of El Paso and State of Colorado

have invented certain improvements in

Method and Apparatus for a Container Managed Persistent Entity Bean Support Architecture

and executed, respectively, a United States patent application therefore on (Dates Inventors Signed Declaration) (1) _____, 2003, (2) November 21, 2003, (3) November 21, 2003, (4) _____, 2003, (5) _____, 2003, and (6) _____, 2003.


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.

(1) Signed at _____ on _____, 2003.

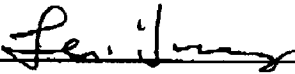
Timothy Marc Francis

and (2) Signed at Durham, NC on 11/21, 2003.



Arthur Thomas Jolin

and (3) Signed at Durham, NC on 11/21, 2003.



Yang Lei

and (4) Signed at _____ on _____, 2003.

Lawrence Scott Rich

and (5) Signed at _____ on _____, 2003.

Timo Juhani Salo

and (6) Signed at _____ on _____, 2003.

Kevin Joe Williams

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(Dates Inventors Signed Declaration) (1) _____, 2003,
(2) _____, 2003, (3) _____, 2003,
(4) November 24, 2003, (5) _____, 2003, and
(6) _____, 2003.

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(1) Signed at _____ on _____, 2003.

Timothy Marc Francis

and (2) Signed at _____ on _____, 2003.

Arthur Thomas Jolin

and (3) Signed at _____ on _____, 2003.

Yang Lei

and (4) Signed at Research Triangle Park, NC on November 24, 2003.

Lawrence Scott Rich
Lawrence Scott Rich

and (5) Signed at _____ on _____, 2003.

Timo Juhani Salo

and (6) Signed at _____ on _____, 2003.

Kevin Joe Williams

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Arthur Thomas Jolin

and (3) Signed at _____ on _____, 2003.

Yang Lei

and (4) Signed at _____ on _____, 2003.

Lawrence Scott Rich

and (5) Signed at _____ on _____, 2003.

Timo Juhani Salo

and (6) signed at Colorado Springs, CO on November 24th, 2003.



Kevin Joe Williams