

01-21-2004



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U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Benjamin C. Reed
Ted J. Bonkenburg

1-9-04

2. Name and address of receiving party(ies)

Name: International Business Machines Corporation

Internal Address: _____

Additional name(s) of conveying party(ies) attached? Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Street Address: New Orchard RoadCity: Armonk State: NY Zip: 10504Execution Date: 1/9/04Additional name(s) & address(es) attached? ☐ Yes ☒ No

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: 1/9/04

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: IBM Corporation

Internal Address: _____

Intellectual Property Law (C4TA/J2B)Street Address: 650 Harry RoadCity: San Jose State: CA Zip: 95120-60996. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

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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.*Leonard T. Guzman

Name of Person Signing

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1/9/04

Date

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

Mail documents to be recorded with required cover sheet information to:

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PATENT

REEL: 014896 FRAME: 0809

22264 U.S. PTO
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ASSIGNMENT

Whereas, I/we,

(1) **Benjamin C. Reed**

City of **Morgan Hill, CA 95037**

County of **Santa Clara**

State of **CA**

(2) **Ted J. Bonkenburg**

City of **Mountain View, CA 94040**

County of **Santa Clara**

State of **CA**

(3)

City of

County of

State of

(4)

City of

County of

State of

(5)

City of

County of

State of

(6)

City of

County of

State of

have invented certain improvements in:

METHOD AND SYSTEM OF MAPPING AT LEAST ONE WEB SERVICE TO AT LEAST ONE OSGI SERVICE AND EXPOSING AT LEAST ONE LOCAL SERVICE AS AT LEAST ONE WEB SERVICE

and executed a Declaration and Power of Attorney for a United States patent application therefor on

(1) Jan 9, 2004 (2) Jan 9, 2004 (3) _____
 (4) _____ (5) _____ (6) _____

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 inventions 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) Inventor: **Benjamin C. Reed**City/State: *San Jose, CA*

Signature

Date

Jan 9, 2004(2) Inventor: **Ted J. Bonkenburg**City/State: *San Jose, CA*

Signature

Date

Jan 9, 2004

(3) Inventor:

City/State:

Signature

Date

(4) Inventor:

City/State:

Signature

Date

(5) Inventor:

City/State:

Signature

Date

(6) Inventor:

City/State:

Signature

Date