

11-24-2006



EET

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To the Director of the U.S. Patent and Trademark Office, and documents or the new address(es) below.

1. Name of conveying party(ies)
Zhen Hua Liu (11/15/06)
Muralidhar Krishnaprasad (11/14/06)
Hui Joe Chang (11/15/06)
Vikas Arora (11/14/06)
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Oracle International Corporation
Internal Address: Mail Stop 50P7

3. Nature of conveyance/Execution Date(s):
Execution Date(s) in parentheses listed above
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

Street Address: 500 Oracle Parkway
City: Redwood Shores
State: California
Country: USA Zip: 94065
Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):
A. Patent Application No.(s)
Additional numbers attached? Yes No

This document is being filed together with a new application.
B. Patent No.(s)

5. Name and address to whom correspondence concerning document should be mailed:
Name: Hickman Palermo Truong & Becker LLP
Internal Address: _____
Street Address: 2055 Gateway Place, Suite 550
City: San Jose
State: California Zip: 95110-1083
Phone Number: 408-414-1080
Fax Number: 408-414-1076
Email Address: CGu@hptb-law.com

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 50-1302
Authorized User Name _____

9. Signature: [Signature] **November 17, 2006**
Signature Date
Zhichong Gu, Reg. No. 56,543
Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

Client Ref. No. OID-2006-084-01
Attorney Docket: 50277-3151

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11-17-06

11/24/06 U.S. PTO
11/601147

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11/21/2006 DEMMANU 00000021 11601147 40.00 DP 05 FC:8021

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Zhen Hua Liu of San Mateo, California; Muralidhar Krishnaprasad of Fremont, California; Hui Joe Chang of Fremont, California, and Vikas Arora of San Francisco, California, all of USA

(hereinafter referred to as ASSIGNORS), have made a discovery and/or invention entitled:

TECHNIQUES OF EFFICIENT QUERY OVER TEXT, IMAGE, AUDIO, VIDEO AND OTHER DOMAIN SPECIFIC DATA IN XML USING XML TABLE INDEX WITH INTEGRATION OF TEXT INDEX AND OTHER DOMAIN SPECIFIC INDEXES

for which application for Letters Patent of the United States has been executed on even date herewith,

for which application for Letters Patent of the United States has been filed on _____, under Application No. _____, and

WHEREAS:

Oracle International Corporation, a corporation of California, having a business address of 500 Oracle Parkway, Mail Stop 50P7, Redwood Shores, CA 94065

and which, together with its successors, assigns, and legal representatives, is hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, reexamination, renewal, substitute, reissue and/or any application claiming priority thereof, including any legal equivalent thereof, in a foreign country for the full term or terms for which the same may be granted.

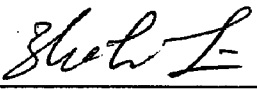
I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as

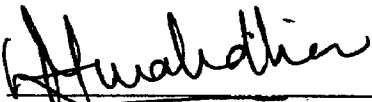
assignee of the entire right, title and interest in, to and under the same, for the sole use and benefit of the ASSIGNEE in accordance with the terms of this instrument.

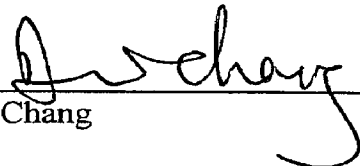
I, SAID, ASSIGNOR(S), hereby covenant with ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;


AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE communicate to the ASSIGNEE as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE and that if reissues or reexaminations of the said Letters Patent or disclaimers relating thereto, or divisionals, continuations, continuation-in-parts of the said applications shall hereafter be desired by the ASSIGNEE, I will, at any time, when called upon to do so by the ASSIGNEE sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, continuation-in-part, reexamination, and reissue applications so desired, and do all lawful acts requisite for the application for such continuations, continuation-in-parts, divisionals, reexaminations, or reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE.

Inventors: Please Sign and Date Below:

(1)  Date: Nov 15, 2006
Zhen Hua Liu

(2)  Date: 11/14/06
Muralidhar Krishnaprasad

(3)  Date: 11/15/06
Hui Joe Chang

(4)  Date: 11/14/2006
Vikas Arora