come r	. I O-1	595 (Rev	, 03-03	7	
OMB N	lo. De	51-0027	(exp.	03/31	/2009)

U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

OMB NO. 0651-0027 (exp. 03/31/2009)				
RECORDATION FORM COVER SHEET				
PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please	e record the attached documents or the new address(es) below.			
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)			
(1) Richard Frank; (2) Todd Little;	Name: Oracle International Corporation			
(3) Arun Kaimalettu;	Internal Address:			
(4) Leonard Tominna				
Additional name(s) of conveying party(ies) attached? Yes 🗹 No	500 Overale Devices			
3. Nature of conveyance/Execution Date(s): Execution Date(s) (1) 7.19.12; (2) 7.25.12; (3) 7.23.12; (4) 7.28.12	Street Address: 500 Oracle Parkway Mail Stop 5op7			
✓ Assignment Merger				
Security Agreement Change of Name	City: Redwood Shores			
Joint Research Agreement	State: CA			
Government Interest Assignment	Country: USA Zip: 94065			
Executive Order 9424, Confirmatory License	Zip. Zip.			
Other	Additional name(s) & address(es) attached? Yes Vo			
	document is being filed together with a new application.			
A. Patent Application No.(s)	B. Patent No.(s)			
13/572,501				
Additional numbers att	ached? Yes 🗸 No			
5. Name and address to whom correspondence	6. Total number of applications and patents			
concerning document should be mailed:	involved: 1			
Name: Sheldon R. Meyer	7. Total fee (37 CFR 1.21(h) & 3.41) \$40			
Internal Address: Fliesler Meyer LLP	71 1000 100 (07 01 1 1.21(11) 0.0;41) v1			
Customer No. 80548	Authorized to be charged to deposit account			
Street Address: 650 California St., 14th Floor	Enclosed			
0.000.71001.	None required (government interest not affecting title)			
City: San Francisco	8. Payment Information			
State: CA Zip: 94108				
Phone Number: (415) 362-3800	06.1225			
Fax Number: (415) 362-2928	Deposit Account Number 06-1325			
Email Address: officeactions@fdml.com	Authorized User NameFliesler Meyer LLP			
9. Signature:	Aug. 44 0040			
Signature	Aug. 14, 2012 Date			
Kuiran Liu, Reg. No. 60,039	Total number of pages including cover			
Name of Person Signing	sheet, attachments, and documents: 9			

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

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Richard Frank, a resident of Naples, Florida, USA.

Todd Little, a resident of Palatine, Illinois, USA.

Arun Kaimalettu, a resident of Kottayam, Kerala, India, and

Leonard Tominna, a resident of Redwood City, California, USA

(full name(s) and city and state of residence of inventor(s) (including country))

(hereinafter referred to as ASSIGNOR(S)), has made a discovery and/or invention entitled:

SYSTEM AND METHOD FOR MANAGING MESSAGE QUEUES FOR MULTINODE APPLICATIONS IN A TRANSACTIONAL MIDDLEWARE MACHINE ENVIRONMENT

	for which application for Letters Patent of the United States has been executed on,
-	for which application for Letters Patent of the United States has been filed on <u>August 10</u> , <u>2012</u> , under Application No. <u>13/572,501</u> , and

WHEREAS:

Oracle International Corporation, a corporation of California, having a business address of 500 Oracle Parkway, Mail Stop 5OP7, 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, ASSIGNOR(S) hereby sells, assigns and transfers 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 Oracle Matter No.

1

10-1-03

14153622928

Attorney Docket No. ORACL-05278US2

aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignce 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 bereafter 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 paths, 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.

ASSIGNOR hereby authorizes and requests the prosecuting law firm to insert herein above the application number and filing date of said application when known.

Inventor	(s): Pleme Sign and Date Below	;			
(I) /R	Call Marchard Frank	Date:	19 July	2012	
(2) <u>T</u>	odd Little	Date:			
(3) <u>A</u>	run Kaimalettu	Date:	_AA L - B - B - C - C - C - C - C - C - C - C		
(4) <u>U</u>	eonard Tominna	Date:	AND		
Oracle M	atter No. 297-US-NP-2	2			10-1-03

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Richard Frank, a resident of Naples, Florida, USA,

Todd Little, a resident of Palatine, Illinois, USA,

Arun Kaimalettu, a resident of Kottayam, Kerala, India, and

Leonard Tominna, a resident of Redwood City, California, USA

(full name(s) and city and state of residence of inventor(s) (including country))

(hereinafter referred to as ASSIGNOR(S)), has made a discovery and/or invention entitled:

SYSTEM AND METHOD FOR MANAGING MESSAGE QUEUES FOR MULTINODE APPLICATIONS IN A TRANSACTIONAL MIDDLEWARE MACHINE ENVIRONMENT

	for which application for Letters Patent of the United States has been executed on,
\boxtimes	for which application for Letters Patent of the United States has been filed on <u>August 10</u> , <u>2012</u> , under Application No. <u>13/572,501</u> , and

WHEREAS:

Oracle International Corporation, a corporation of California, having a business address of 500 Oracle Parkway, Mail Stop 5OP7, 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, ASSIGNOR(S) hereby sells, assigns and transfers 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 Oracle Matter No.

ORA120297-US-NP-2

10-1-03

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 paths, 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.

ASSIGNOR hereby authorizes and requests the prosecuting law firm to insert herein above the application number and filing date of said application when known.

Inventor(s): Please Sign and Date Below:

(1)	Richard Frank	Date:	
(2)	Todd Little	Date: 7/25/12	
(3)	Arun Kaimalettu	Date:	
(4)	Leonard Tominua	Date:	
	le Matter No. 120297-US-NP-2	2	10-1-03

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Richard Frank, a resident of Naples, Florida, USA,

Todd Little, a resident of Palatine, Illinois, USA,

Arun Kaimalettu, a resident of Kottavam, Kerala, India, and

Leonard Tominna, a resident of Redwood City, California, USA

(full name(s) and city and state of residence of inventor(s) (including country))

(hereinafter referred to as ASSIGNOR(S)), has made a discovery and/or invention entitled:

SYSTEM AND METHOD FOR MANAGING MESSAGE QUEUES FOR MULTINODE APPLICATIONS IN A TRANSACTIONAL MIDDLEWARE MACHINE ENVIRONMENT

	for which application for Letters Patent of the United States has been executed on
\boxtimes	for which application for Letters Patent of the United States has been filed on <u>August 10, 2012</u> , under Application No. <u>13/572,501</u> , and

WHEREAS:

Oracle International Corporation, a corporation of California, having a business address of 500 Oracle Parkway, Mail Stop 5OP7, 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, ASSIGNOR(S) hereby sells, assigns and transfers 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 Oracle Matter No.

ORA120297-US-NP-2

10-1-03

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.

ASSIGNOR hereby authorizes and requests the prosecuting law firm to insert herein above the application number and filing date of said application when known.

Inventor(s): Please Sign and Date Below:

(1)	Richard Frank	Date:	
(2)	Todd Little	Date:	
(3)	Arun Kaimalettu	Date: 23-07-2012	
(4)	Leonard Tominna	Date:	
	le Matter No.	2	10-1-03

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Richard Frank, a resident of Naples, Florida, USA.

Todd Little, a resident of Palatine, Illinois, USA,

Arun Kaimalettu, a resident of Kottayam, Kerala, India, and

Leonard Tominna, a resident of Redwood City, California, USA

(full name(s) and city and state of residence of inventor(s) (including country))

(hereinafter referred to as ASSIGNOR(S)), has made a discovery and/or invention entitled:

SYSTEM AND METHOD FOR MANAGING MESSAGE QUEUES FOR MULTINODE APPLICATIONS IN A TRANSACTIONAL MIDDLEWARE MACHINE ENVIRONMENT

<u> </u>	for which application for Letters Patent of the United States has been executed on,
\boxtimes	for which application for Letters Patent of the United States has been filed on <u>August 10</u> , <u>2012</u> , under Application No. <u>13/572,501</u> , 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, ASSIGNOR(S) hereby sells, assigns and transfers 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 Oracle Matter No.

ORA120297-US-NP-2

10-1-03

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.

ASSIGNOR hereby authorizes and requests the prosecuting law firm to insert herein above the application number and filing date of said application when known.

Inventor(s): Please Sign and Date Below:

(1)	Richard Frank	Date:	
(2)	Todd Little	Date:	
(3)	Arun Kaimalettu	Date:	
(4)	Leonard Tominna	Date: 7/28/12	
	le Matter No. 120297-US-NP-2	. 2	10-

1-03