	04-23-	2003			
Form PTO-1595			U.S. DEPARTMEN	T OF COMMERCE	
(Rev. 05/01) OMB NO. 0651-0027 (exp. 5/31/2002)					
Tab settings ⇒⇒⇒ ▼	10242	7279	V V	, V	
To the Honorable Commissioner c	V STIMINS.		riginal documents or copy thereof	ā, =	
1. Name of conveying party(ies)		2. Name and address	of receiving party(ies)	25 <u>20</u>	
Archie W. Brown		Name		41, 16,	
Douglas A. Voss Y. 16.	c 2	Oracle International	Corporation	10/	
Goutam D. Kulkarni Joydip Kundu		Street Address:			
Joyup Randa		ł.	Redwood Shores, California	94065	
Additional name(s) of conveying party(ies) attached?	Yes No		r		
3. Nature of conveyance:		Additional Name(s) & ad	ldress(es) attached? ? Yes	⊠ No	
⊠ Assignment ☐ Mer	ger				
Security Agreement Char	nge of Name				
Other					
Execution Date: April 10, 2003					
4. Application number(s) or patent number(s)):	10411	1 427		
If this document is being filed together wit	h a new application, t			003	
A. Patent Application No.(s)		B. Patent No.(s)	B. Patent No.(s)		
71. Tutone rippinential risites,		D. L			
Δdd	itional numbers attacl	 hed?? □ Yes	XI.		
5. Name and address of party to whom corres			pplications and patents invol	ved? [1]	
concerning document should be mailed:	Ponaria	7. Total Fee (37 CFR 3.41) \$ 40.00			
Name Edward A. Pennington					
2.11.014.000		☐ Enclosed			
Internal Address Suite 300		— ⊠ Authorized to	be charged to deposit accou	ınt.	
Street Address: 3000 K Street, N.W.					
City: Washington State: D.C. Zip 20007-	<u>5116</u>	8. Deposit Account	Number: 195127 , <u>19111.010</u>	03	
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9. Statement and signature	DO NOT SE	HIBSTACE			
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Michael A. Schwartz, RN 40,161	Min	eace in some	April	16, 2003	
Name of Person Signing Michael A. Schwartz, RN 40,161 Mullim Alumity April 16, 2003					
Total number of pages including cover sheet, attachments, and documents					

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

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:		3 The De		
Arch	hie W. BROWN, residing at 59 Highland A			
KUL	LKARNI, residing at 22 Bayridge Drive #K	, Nashua, NH 03062 (US); Joydip KUNDU,		
resid Fede	ding at 5 Katie Lane, Nashua, NH 03062 (US). eral Hill Road, Nashua, NH 36362 (US). (full name(s) and post office address(s) of	JS); and Douglas VOSS, residing at \$ 9 13 15 15 15 15 15 15 15 15 15 15 15 15 15		
(here	einafter referred to as ASSIGNOR(S)), has ma	ade a discovery or invention entitled:		
On	n-Demand Multi-Version Denormalized Applica	Data Dictionary To Support Log-Based		
\boxtimes	for which application for Letters Patent of date herewith,	the United States has been executed on even		
	for which application for Letters Patent of Application No, and	the United States has been filed on, under		
WHI	EREAS:			
	Oracle International Corporation, a corpor of 500 Oracle Parkway, Redwood Shores,	ation of California, having a business address CA 94065		
unde	reinafter referred to as ASSIGNEE), is desirous er said invention and in, to and under Letters la refor in the United States and in any and all for	Patent or similar legal protection to be obtained		
NOV	W, THEREFORE, TO ALL WHOM IT MAY	CONCERN:		
exclusion territories to be subs	e obtained for said invention by said applicati	or invention in the United States and its and to all Letters Patent or similar legal cossessions and in any and all foreign countries on or any continuation, division, renewal, g priority thereof, including any legal equivalent		
	icle Matter No. D-2002-130-01	2/1/02		

PATENT REEL: 013977 FRAME: 0546 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, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I, SAID, ASSIGNOR(S), hereby covenant with ASSIGNEE, its successors, assigns, and legal representatives 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, its successors, legal representatives, or assigns, 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, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, 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, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called upon to do so by the ASSIGNEE its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, 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, its successors, legal representatives and assigns.

Inventor(s): Please Sign and Date Below:

(1) Archie W. BROWN

(2) Chick arm Date: 4/10/2003

Goutam D. KULKARNI

(3) Joydip KUNDU

(4) Date: 4/10/2003

Oracle Matter No. 2/1/02

OID-2002-130-01

PATENT
RECORDED: 04/16/2003 REEL: 013977 FRAME: 0547