	04-28-2003
Forma PTO-1595 (Rev. 05/01) OM 3 NO. 0651-0027 (exp. 5/31/2002)	T U.S. DEPARTMENT OF COMMERCE
Tab settings ⇒⇒⇒ ▼ ▼	s and Trademarks. Please record the annual ed original documents or copy thereof
1. Jame of conveying party(ies) Sur il VENKAYALA Har kil YOON	2. Name and address of receiving party(ies)  Name Oracle International Corporation
Ado tional name(s) of conveying party(ies) attached? Yes.  3. Vature of conveyance:	Street Address: 500 Oracle Parkway, Redwood Shores, California 4065
Assignment	Additional Name(s) & address(es) attached? ?    Yes    No  Name
4. \pplication number(s) or patent number(s):	
1. Patent Application No.(s)	B. Patent No.(s)    I numbers attached? ?
	DO NOT USE THIS SPACE
original document  Michael A. Schwartz, RN 40,161  Name of Person Signing	egoing information is true and correct and any attached copy is a true copy of the    Mullevel A. Alune   April 22, 2003     Signature   Date

04/25/2003 ECCOPER 00000173 195127 fail therefore to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

Attorney Docket No. 19111.0090

## ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS: Sunil VENKAYALA, residing at 26 Beacon Street, Apt. 30D, Burlington, MA 01803 (US); and Hankil YOON, residing at 95 Drummer Rd., Acton, MA 01720 (US).

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

Multi-Category Support for Apply Output				
$\boxtimes$	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			
WHE	REAS:			
	Oracle International Corporation, a corporation of California, having a business address of 500 Oracle Parkway, Redwood Shores, CA 94065			
under:	nafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and said invention and in, to and under Letters Patent or similar legal protection to be obtained or in the United States and in any and all foreign countries.			
NOW,	THEREFORE, TO ALL WHOM IT MAY CONCERN:			
exclus territor protect to be of substit	nown that for good and valuable consideration, the receipt of which is hereby wledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, the full and ive right, title and interest to said discovery or invention in the United States and its rial possessions and in all foreign countries and to all Letters Patent or similar legal tion in the United States and its territorial possessions and in any and all foreign countries obtained for said invention by said application or any continuation, division, renewal, reissue and/or any application claiming priority thereof, including any legal equivalent, in a foreign country for the full term or terms for which the same may be granted.			

Oracle Matter No. OID-2002-145-01

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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:

RECORDED: 04/22/2003

(1)	Smil	· Date:	4/16/03.
•	Sunil VENIKAYALA		

(2) )fankill Date: 4/16/03

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