10.45	5-2000 —————
FORM PTO-1596 RI	U.S. DEPARTMENT OF COMMERCE
Docket No.: 50277-0378 $// \cdot 20 \cdot \omega$	Patent and Trademark Office
	53325
To the Honorable Commissioner of Patents and Trauciniaiss. r	rease record the attached original documents or copy thereto:
1. Name of Conveying Party(ies):	2. Name and address of receiving party(ies):
Vikram Joshi, Alex Tsukerman and Shari Yamaguchi	Name: Oracle Corporation
Additional name(a) of conversion mentalized attached to IV	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes Nature of Conveyance:	
	Street Address: 500 Oracle Parkway
☐ Security Agreement ☐ Change of Name	
Other	City: Redwood State/Country CA ZIP: 94065 Shores
Execution Date: November 16, 2000	Additional name(s) & address(es) attached? Yes
4. Application number(s) or patent number(s):	
If the document is being filed together with a new application, the	execution date of the application is: November 16, 2000
A. Patent Application No(s).	B. Patent No(s).
	, ,
119/19/107	ļ
Additional numbers	attached? Yes
5. Mame and address of party to whom correspondence concerning	6. Total number of applications and patents involved: 1
Document should be mailed:	
Name: HICKMAN PALERMO TRUONG & BECKER LLP	7. Total fee (37 CFR 3.41) \$40.00
Internal Address:	☐ Enclosed
	Authorized to be charged to deposit account
Street Address: 1600 Willow Street	8. Deposit account number:
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Carina M. Tan, Registration No. 45,769	M. Tan November 20, 2000
Name and Registration No. of Person Signing	Signature Date
	otal number of pages comprising cover sheet:
CMB No. 0851-0011 (exp. 4/94)	
to the second of	

OID 1999-173-02

PATENT REEL: 011329 FRAME: 0436

Attorney Docket No.: 50277-0378 ASSIGNMENT

PATENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, WE

the undersigned, VIKRAM JOSHI, ALEX TSUKERMAN and SHARI YAMAGUCHI hereby sell, assign, and transfer to Oracle Corporation

a corporation of Delaware having a principal place of business at 500 Oracle Parkway,

Redwood Shores, California 94065 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that

X will be filed concurrently with this assignment, or

Was filed on _______, and assigned

Serial Number ______,

and is entitled METHOD AND APPARATUS FOR DEBUGGING A SOFTWARE PROGRAM USING

DYNAMIC DEBUG PATCHES AND COPY ON WRITE VIEWS

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said 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 full right to convey the same as herein expressed is possessed by the undersigned.

OID-1999-173-02

PATENT REEL: 011329 FRAME: 0437 Inventor: Please Sign and Date Below:

11 16 /00 , 2000

Name: VIKRAM JOSH

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inventor. Flease Sign and Date Delow.			
11/6	, 2000	Mr hu	
Date		Name: ALEX TSUKERMAN	

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inventor: Please Sign and Date Be	low
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11/16 , 2000

Name: SHARI YAMAGUCHI

OID-1999-173-02

RECORDED: 11/20/2000

PATENT

REEL: 011329 FRAME: 0440