FORM PTO-1595 1-31-92	-25-2002 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
	P7516
To the Honorable Commissioner of Patents and Tradernarks Plea	2167271 of
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Ajay Kumar Hanumanthu Pao Susarla	Name: Sun Microsystems, Inc.
Hanumanthu Rao Susarla Prakash Khemani	Internal Address:
Additional name(s) of conveying party(ies) attached? yes no	
, radiionar mane(s) of con-roying party(res) anaeree.	Street Address: 901 San Antonio Road
	City Palo Alto State CA ZIP 94303
	Additional name(s) & address(es) attached? Yes No
3. Nature of Conveyance: Assignment	
Merger	
Security Agreement Change of Name	
Other	FINANCE
Execution Date: <u>April 12, 2002, April 2, 2002 and April 5, 2002</u>	CE 23
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of this application is:	
A. Patent Application No.(s) 10/087,652, filed 3/1/02	ate of this application is: B. Patent No.(s)
Additional numbers attached? Yes No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Robert C. Kowert	
Internal Address: Conley, Rose & Tayon, P.C.	
Street Address: P.O. Box 398	
City Austin State TX ZIP 78767-0398	
	7. Total fee (37 CFR 3.41):\$\$
	Authorized to be charged to deposit account
DO NOT USE	8. Deposit account number: (Attach a duplicate copy of this page if paying by deposit account)
9. Statement and Signature.	
To the best of my knowledge and belief, the foregoing information is true and correct and any affached copy is a true copy of the original document.	
///	
Robert C. Kowert Name of Person Signing Reg. No. 39,255	Signature July 18, 2002 Date Total number of pages:3
OMB No. 0651-011 (exp.4/94)	Tom named of pages.

PATENT ... REEL: 013109 FRAME: 0876

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN AND TRANSFER to SUN MICROSYSTEMS, INC. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 901 San Antonio Road, Palo Alto, California 94303, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which was filed March 1, 2002, Serial No. DETERMINISTIC IMMUTABLE ACCESS entitled 10/087,652, and is ELIMINATION FOR EFFICIENT DISTRIBUTED STATE SAVES, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, 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 such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assigns.

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5681-11900 P7516 mas Date: 1)th (Signature) _ Name: Ajay Kumar April 2, 2002 (Signature) Name: Hanumantha Rao Susarla Date: $\frac{5/4}{2002}$

(Signature) Name:

Prakash Khemani

PATENT

Robert C. Kowert Conley, Rose, & Tayon, P.C. P.O. Box 398 Austin, Texas 78767-0398

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PATENT RECORDED: 04/30/2002 REEL: 013109 FRAME: 0878