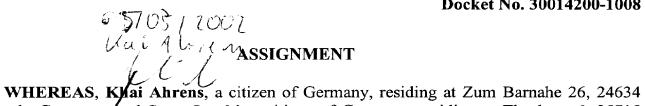
FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) 05-24-2002	R SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Tab settings → → → ▼	I IIII
To the Honorable Commissioner 1. Name of conveying party(ies): 102102743	ord the attached original documents or copy thereof.
KAI AHRENS SVEN JACOBI 5-22-02	Name: SUN MICROSYSTEMS, INC. Internal Address: 901 San Antonio Road
Additional name(s) of conveying party(ies) attached?	Palo Alto, CA 94303
3. Nature of conveyance:	
☐ Assignment ☐ Merger	Street Address:
☐ Security Agreement ☐ Change of Name	
X Other Corrective Document Reel/Frame 012455/0803	City: State: ZIP:
Execution Date: October 16, 2001	Additional name(s) & address(es) attached?
4. Application number(s) or patent number(s): If this document is being filed together with a new application A. Patent Application No.(s) U.S. Serial No: 09/932,229 Filed: August 17, 2001	, the execution date of the application is: B. Patent No.(s)
. Additional numbers attac	thed? Yes X No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents in volved
5. Name and address of party to whom correspondence	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved. 7. Total fee (37 CFR 3.41)
Name and address of party to whom correspondence concerning document should be mailed: Name: SONNENSCHEIN NATH & ROSENTHAL	6. Total number of applications and patents involved. 7. Total fee (37 CFR 3.41)
5. Name and address of party to whom correspondence concerning document should be mailed: Name: SONNENSCHEIN NATH & ROSENTHAL. Internal Address: P.O. Box 061080 Wacker Drive Station, Sears Tower	6. Total number of applications and patents involved. 7. Total fee (37 CFR 3.41)
5. Name and address of party to whom correspondence concerning document should be mailed: Name: SONNENSCHEIN NATH & ROSENTHAL. Internal Address: P.O. Box 061080	6. Total number of applications and patents involved. 7. Total fee (37 CFR 3.41)
5. Name and address of party to whom correspondence concerning document should be mailed: Name: SONNENSCHEIN NATH & ROSENTHAL. Internal Address: P.O. Box 061080 Wacker Drive Station, Sears Tower Chicago, Illinois 60606-1080	6. Total number of applications and patents involved. 7. Total fee (37 CFR 3.41)
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5. Name and address of party to whom correspondence concerning document should be mailed: Name: SONNENSCHEIN NATH & ROSENTHAL. Internal Address: P.O. Box 061080 Wacker Drive Station, Sears Tower Chicago, Illinois 60606-1080 Street Address: City: State: ZIP: DO NOT 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform the original document. John F. Nethery Name of Person Signing	6. Total number of applications and patents involved 7. Total fee (37 CFR 3.41)
5. Name and address of party to whom correspondence concerning document should be mailed: Name: _SONNENSCHEIN NATH & ROSENTHAL. Internal Address: P.O. Box 061080 Wacker Drive Station, Sears Tower Chicago, Illinois 60606-1080 Street Address: City: State: ZIP: DO NOT 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform the original document. John F. Nethery Name of Person Signing Total number of pages including commissioner of Patents & Commissioner of Patents &	6. Total number of applications and patents involved. 7. Total fee (37 CFR 3.41)

(Form PTO-1595--Recordation Form Cover Sheet - page 1 of 3)



Padenstedt, Germany, and Sven Jacobi, a citizen of Germany, residing at Theeberg 6, 25715 Eddelak, Germany, referred to as ASSIGNORS, have invented a certain invention entitled: "METHODS AND SYSTEMS FOR REGISTERING BINARY DATA", for which a U.S. Patent Application is filed herewith.

WHEREAS, Sun Microsystems, Inc., a corporation organized and existing under the laws of the State of Delaware, having a principal place of business at 901 San Antonio Road, Palo Alto, California 94303, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, the ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said applications or any non-provisional, continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNORS also assign all of their right, title and interest in and to said invention in all foreign countries, and all applications for Letters Patent which may evolve therefrom, including the right to claim International Convention priority.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said applications, said invention and said Letters Patent as may be known and accessible to ASSIGNORS, and ASSIGNORS will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for obtain, maintain and enforce said applications, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Date: 10/16/2007

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.1. Name of co⊤ eying party(ies):	Name and address of receiving party(ies):
KHAI AHRENS SVEN JACOBI	Name: SUN MICROSYSTEMS, INC.
	Internal Address: 901 San Antonio Road
Additional name(s) of conveying party(ies) attached?	Palo Alto, California 94303
3. Nature of conveyance:	
☑ Assignment ☐ Merger	Street Address:
Security Agreement Change of Name	
	City: State: 7ID:
Other	City: State: ZIP:
Execution Date: October 16, 2001	Additional name(s) & address(es) attached?
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application	n, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
U.S. Serial No: 09/932,229 Filed: August 17, 2001	
Additional numbers attached? Yes X No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: SONNENSCHEIN NATH & ROSENTHAL	7. Total fee (37 CFR 3.41) \$ 40.00
Internal Address: P.O. Box 061080	x Enclosed
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Street Address:	8. Deposit account number:
	19-3140
City: State: ZIP:	(Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	
John F. Nethery	1 / thy Nov 5 2001
Name of Person Signing /	Signature Date
regal number of pages including cover sheet, attachments, and document:	
01/15/2002 TDIAZ1 00000144 09932229 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231	
AA AA AB (Form	PTO1595Recordation Form Cover Sheet - page 1 of 3)
01 FC:581	
Chicago, IL 60606-1080 (312)876-8000	5-9-02 Onna Franz

PATENT REEL: 012917 FRAME: 0319