FORM PTO-1595

08-24-1998

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

SHEET

Attorney Docket No. A-65950/GSW/DJC 100797198 and Trademarks. Please record the attached original documents or copy thereof. To the Honorable Commissioner of Patents and Trademarks. 1. Name of conveying parties: 2. Name and address of receiving party: Loki Der Quaeler-Bock, Raymond J. Ryan, Keith Bernstein Name: Sun Microsystems, Inc. Additional names of conveying parties attached? [1] Yes [x] No Address: 901 San Antonio Road, MS PAL 01-521 3. Nature of conveyance: Palo Alto CA 94303 [x] Assignment [] Merger [] Security Agreement [] Change of Name Additional name(s) & address(es) attached? [] Yes [x] No Execution Date: August 11, 1998 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: n/a (filed 6/11/98) A. Patent Application No.(s) 09/097,108 B. Patent No.(s) Additional numbers attached? [] Yes [x] No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: Douglas J. Crisman, Esq. Address: Flehr Hohbach Test Albritton & Herbert LLP 7. Total fee (37 CFR 3.41): \$40.00 4 Embarcadero Center [x] Enclosed Suite 3400 [] Authorized to be charged to deposit account, if necessary San Francisco, CA 94111-4187 8. Deposit account number: 06-1300 (Order A-65950/GSW)
(Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. Enn Douglas J. Crisman Name of Person Signing August 12, 1998 Signature Total number of pages including cover sheet: 3 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments 08/19/1998 KDUNCAN 00000038 09097108 Washington, D.C. 20231 03 FC:581 40.00 OP

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ASSIGNMENT

WHEREAS, the undersigned,

- (1) Loki Der Ouaeler-Bock (3) Keith Bernstein
- (2) Raymond J. Ryan

(hereinafter termed "Inventors"), residents of

(1) San Francisco

- (3) San Francisco
- (2) San Francisco

respectively, Counties of

- (1) San Francisco
- (3) San Francisco
- (2) San Francisco

respectively, States of

- (1) California
- (3) California
- (2) California

have invented certain new and useful improvements in <u>A FRAMEWORK FOR BINDING DATA</u>

<u>VIEWERS/DATA MANIPULATION WITH ONE TO MANY OBJECTS THROUGH INTROSPECTION</u> and have executed concurrently herewith an application for a United States patent disclosing and identifying the invention; and

WHEREAS, <u>SUN MICROSYSTEMS</u>, <u>INC.</u> (hereinafter termed "Assignee"), a corporation of the State of <u>DELAWARE</u>, having a place of business at <u>901 San Antonio Road</u>, <u>Palo Alto CA 94303</u>, State of <u>California</u>, is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each

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and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

- Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.
- The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.
- 4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee this

day of

AVGUST , 1998 (3) 17# day of 406057

, 19**28**, respectively

Keith Bernstein

B/yan

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