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Deron D. Johnson	Name: Sun Microsystems, Inc.
Hideya Kawahara	Internal Address:
Paul V. Byrne Kevin C. Rushforth	
Douglas C. Twilleager	Street Address: 4150 Network Circle
Additional name(s) of conveying party(ies) attached? yes no	City Santa Clara, State CA ZIP 95054
	Additional name(s) & address(es) attached? Yes No
3. Nature of Conveyance:	
Assignment	
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Security Agreement Change of Name	
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Execution Date: <u>2/4/05</u> , <u>2/1/05</u> , <u>2/12/05</u> , <u>2/8/05</u> , <u>2/7/05</u>	
4. Application number(s) or patent number(s): If this document is being filed together with a new applied.	cation, the execution date of this application is: $\frac{2/4/05}{2/12/05}$, $\frac{2/12/05}{2/8/05}$, $\frac{2/12/05}{2/8/05}$
4. Application number(s) or patent number(s): If this document is being filed together with a new application.A. Patent Application No.(s)	cation, the execution date of this application is: 2/4/05, 2/1/05, 2/12/05, 2/8/05, 2/7/05 B. Patent No.(s)
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A. Patent Application No.(s) Additional numbers atta 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Robert C. Kowert Internal Address: Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.	B. Patent No.(s) ched? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):\$ 40.00 Brelosed Authorized to be charged to deposit account
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PATENT REEL: 016264 FRAME: 0945

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 <u>SUN MICROSYSTEMS</u>. INC. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having its principal place of business at 4150 Network Circle, Santa Clara, CA 95054, their 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 has been executed by the undersigned concurrently herewith, and is entitled, <u>EFFICIENT COMMUNICATION IN A CLIENT-SERVER SCENE GRAPH SYSTEM</u>, 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;

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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 Assignee.

(Signature) Name:	Deron D. Johnson	Date: 2/04/05
	Hideya Kawahara	Date:
(Signature) ₋ Name:	Paul V. Byrne	Date:
(Signature) _ Name:	Kevin C. Rushforth	Date: 8-Fes-65
(Signature) _ Name:	hough C. Twilleager Douglas C. Twilleager	Date: 1/08/4005

Robert C. Kowert Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. P.O. Box 398 Austin, TX 78767-0398

Page 2

PATENT 5681-76901 SUN040613

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 <u>SUN MICROSYSTEMS</u>, INC. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having its principal place of business at 4150 Network Circle, Santa Clara, CA 95054, their 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 has been executed by the undersigned concurrently herewith, and is entitled, <u>EFFICIENT COMMUNICATION IN A CLIENT-SERVER SCENE GRAPH SYSTEM</u>, 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 applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

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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;

Page 1

PATENT 5681-76901 SUN040613

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(Signature) Name:	Deron D. Johnson	Date:
(Signature) _ Name:	Hideya Kawahara	Date: 2/1/2005
(Signature) _ Name:	Paul V. Byrne	Date:
(Signature) _ Name:	Kevin C. Rushforth	Date:
	Douglas C. Twilleager	Date:

Robert C. Kowert
Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.
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Austin, TX 78767-0398

Page 2

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PATENT 5681-76901 SUN040613

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(Signature)			Date:
Name:	Deron D. Johnson		
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	", 		
(Signature)			Date:
Name:	Hideya Kawahara	•	
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(Signature)_	Valant		Date: 2/2/05
Name:	Paul V. Byrne		
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(Signature)_			Date:
Name:	Kevin C. Rushforth		
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(Signature)_			Date:
Name:	Douglas C. Twillea	भ	
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