11/14/5 R 103	123154
To the Director of the U.S. Patent and Trademark Office: Ple	ase record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Jochen Behrens, Marcelino M. Dignum, Wayne F. Seltzer, William T. Zaumen, John P. Petry, Santiago M. Pericas-Geertsen & Biswadeep Nag	Internal Address: MS SCA12-203
Additional name(s) of conveying party(ies) attached? Yes 🗹 I	vo
3. Nature of conveyance/Execution Date(s):	Street Address: 4150 Network Circle
Execution Date(s) November 3, 4, 7, 8 and 10, 2005	_
Assignment Merger	
Security Agreement Change of Name	City: <u>Santa Clara</u>
Joint Research Agreement	State: CA
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: USA Zip: 95054
Other	
	Additional name(s) & address(es) attached? Yes ✓ is document is being filed together with a new application B. Patent No.(s) attached? Yes No
<ul> <li><b>4. Application or patent number(s):</b>  Thi</li> <li>A. Patent Application No.(s)</li> </ul>	is document is being filed together with a new application B. Patent No.(s)
<ul> <li>4. Application or patent number(s):  Thi</li> <li>A. Patent Application No.(s)</li> <li>Additional numbers</li> <li>5. Name and address to whom correspondence</li> </ul>	is document is being filed together with a new application B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: 1
<ul> <li>4. Application or patent number(s):          <ul> <li>Thi</li> <li>A. Patent Application No.(s)</li> <li>Additional numbers</li> </ul> </li> <li>5. Name and address to whom correspondence concerning document should be mailed:         <ul> <li>Name: Daniel Vaughan</li> </ul> </li> </ul>	is document is being filed together with a new application B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40
<ul> <li>4. Application or patent number(s):  Thi</li> <li>A. Patent Application No.(s)</li> <li>Additional numbers</li> <li>5. Name and address to whom correspondence concerning document should be mailed:</li> </ul>	<ul> <li>is document is being filed together with a new application</li> <li>B. Patent No.(s)</li> <li>attached? Yes No</li> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$40</li> <li>✓ Authorized to be charged by credit card</li> </ul>
A. Patent Application No.(s)      A. Patent Application No.(s)      Additional numbers     S. Name and address to whom correspondence     concerning document should be mailed:     Name: Daniel Vaughan  Internal Address:	<ul> <li>is document is being filed together with a new application</li> <li>B. Patent No.(s)</li> <li>attached? Yes No</li> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$40</li> <li>✓ Authorized to be charged by credit card</li> <li>✓ Authorized to be charged to deposit account</li> </ul>
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Application or patent number(s):     A. Patent Application No.(s)      Additional numbers     Additional numbers     S. Name and address to whom correspondence     concerning document should be mailed:     Name: Daniel Vaughan Internal Address:     Street Address: 39180 Liberty Street, Suite 103      City: Fremont	<ul> <li>is document is being filed together with a new application</li> <li>B. Patent No.(s)</li> <li>attached? Yes No</li> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$40</li> <li>✓ Authorized to be charged by credit card</li> <li>✓ Authorized to be charged to deposit account</li> <li>✓ Enclosed</li> <li>None required (government interest not affecting to the formation a. Credit Card Last 4 Numbers 6514</li> </ul>
Application or patent number(s):     A. Patent Application No.(s)      Additional numbers     Additional numbers     S. Name and address to whom correspondence     concerning document should be mailed:     Name: Daniel Vaughan Internal Address:     Street Address: 39180 Liberty Street, Suite 103      City: Fremont     State: CA     Zip: 94538	is document is being filed together with a new application B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 Authorized to be charged by credit card Authorized to be charged by credit card Authorized to be charged to deposit account Authorized to be charged to deposit account Enclosed None required (government interest not affecting till 8. Payment Information
4. Application or patent number(s):       Image: This image: T	<ul> <li>is document is being filed together with a new application</li> <li>B. Patent No.(s)</li> <li>attached? Yes No</li> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$40</li> <li>✓ Authorized to be charged by credit card</li> <li>✓ Authorized to be charged to deposit account</li> <li>✓ Enclosed</li> <li>None required (government interest not affecting to the formation a. Credit Card Last 4 Numbers 6514</li> </ul>
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4. Application or patent number(s):       Image: This A. Patent Application No.(s)         A. Patent Application No.(s)         5. Name and address to whom correspondence concerning document should be mailed:         Name: Daniel Vaughan         Internal Address:         Street Address: 39180 Liberty Street, Suite 103         City: Fremont         State: CA       Zip: 94538         Phone Number: 510-790-9960         Fax Number: 510-790-9964         Email Address: dan@parklegal.com         9. Signature:       Jumu Wumyhan	is document is being filed together with a new application B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved:_1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40 ✓ Authorized to be charged by credit card ✓ Authorized to be charged by credit card ✓ Authorized to be charged to deposit account ✓ Enclosed None required (government interest not affecting the 8. Payment Information a. Credit Card Last 4 Numbers 6514 Expiration Date 05/07 b. Deposit Account Number 50-1801 Authorized User Name Daniel Vaughan
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**\$**5

WHEREAS, the undersigned,

- (1) BEHRENS, Jochen 224 Arbor Avenue Santa Cruz, CA 95062
- (3) SELTZER, Wayne F. 1613 Elmar Way San Jose, CA 95129

[X]

- (5) PETRY, John P. 10334 Barrywood Way San Diego, CA 92131
- (7) NAG, Biswadeep37251 Tomasek TerraceFremont, CA 94536

- (2) DIGNUM, Marcelino M. 518 Bay Road Menlo Park, CA 94025
- (4) ZAUMEN, William T.
   912 Clara Drive Palo Alto, CA 94303
- (6) PERICAS-GEERTSEN, Santiago M.
   197 Via Condado Way
   Palm Beach Gardens, FL 33418

hereinafter termed "Inventors", have invented certain new and useful improvements in

#### METHOD AND APPARATUS FOR HARDWARE XML ACCELERATION

and have executed a declaration or oath of inventorship for an application for a United States patent disclosing and identifying the invention on:

being filed herewith; OR

(1) the  $\underline{4^{th}}$  day of November , 2005;(2) the  $\underline{4^{th}}$  day of November , 2005;(3) the  $\underline{4^{th}}$  day of November , 2005;(4) the  $\underline{8^{th}}$  day of November , 2005;(5) the  $\underline{10^{th}}$  day of November , 2005;(6) the  $\underline{7^{th}}$  day of November , 2005;(7) the  $\underline{3^{rd}}$  day of November , 2005.

Said application:

[] having Application No. \_\_\_\_\_, filed on \_\_\_\_\_, 2005.

WHEREAS, <u>Sun Microsystems, Inc.</u> a corporation of the State of <u>Delaware</u>, having a place of business at <u>4150 Network Circle</u>, <u>Santa Clara</u>, <u>CA 95054</u>, (hereinafter termed "Assignee"), 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:

Attorney Docket No. SUN05-0974

1 of 3

2. Said Inventors hereby jointly and severally 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 reissues and reexaminations, 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.

3. The terms and covenants 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, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below.

Date: 11/04/2005	Signature:
Date:	Signature:
Date:	Signature:
Attorney Docket No. SUN05-0974	2 of 3

Date:	Signature:	
	Name:	William T. Zaumen
Date:	Signature:	
	Name:	John P. Petry
Date:	Signature:	
	Name:	Santiago M. Pericas-Geertsen
Date:	Signature:	
	Name:	Biswadeep Nag

WHEREAS, the undersigned,

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# METHOD AND APPARATUS FOR HARDWARE XML ACCELERATION

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Date:	Signature:
	Name: Jochen Behrens
Date: 11 4 05	Signature: <u>Va</u> Name: <u>Marcelino M. Dignum</u>
Date: 11/4/05	Signature: Wayn F. Jutt
	Name: Wayne F. Seltzer
	2013

Attorney Docket No. SUN05-0974

Date:	Signature:	
	Name:	William T. Zaumen
Date:	Signature:	
	Name:	John P. Petry
Date:	Signature:	
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Attorney Docket No. SUN05-0974

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#### METHOD AND APPARATUS FOR HARDWARE XML ACCELERATION

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[] having Application No. \_\_\_\_\_, filed on \_\_\_\_\_, 2005.

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Attorney Docket No. SUN05-0974

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Date:	Signature:	
	Name: Jochen Behrens	
Date:	Signature:	
	Name: <u>Marcelino M. Dignum</u>	
Date:	Signature	
Date	Signature:     Name:     Wayne F. Seltzer	
Attorney Docket No. SUN05-0974	2 of 3	

Date: Nov 8 2005	Signature:	William T. Zauman
	Name:	William T. Zaumen
Date:	Signature:	
		John P. Petry
Date:	Signature:	
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Date:	Signature:	
	Name:	Biswadeep Nag

Attorney Docket No. SUN05-0974

3 of 3

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   197 Via Condado Way
   Palm Beach Gardens, FL 33418

the <u>8<sup>th</sup></u> day of <u>November</u>, 2005;

the  $7^{\text{th}}$  day of November , 2005;

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#### METHOD AND APPARATUS FOR HARDWARE XML ACCELERATION

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- (5) the <u>10<sup>th</sup></u> day of <u>November</u>, 2005; (6)
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	Name: <u>Marcelino M. Dignum</u>	
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Attorney Docket No. SUN05-0974	2 of 3	

Date:	Signature:	
	Name:	William T. Zaumen
Date: 10. 10, 2005		John P. Petry
Date:		Santiago M. Pericas-Geertsen
Date:	<b>C</b>	Biswadeep Nag

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- (2) DIGNUM, Marcelino M. 518 Bay Road Menlo Park, CA 94025
- (4) ZAUMEN, William T.912 Clara DrivePalo Alto, CA 94303
- (6) PERICAS-GEERTSEN, Santiago M.
   197 Via Condado Way
   Palm Beach Gardens, FL 33418

the  $\underline{8}^{\underline{\text{th}}}$  day of <u>November</u>, 2005;

the  $7^{th}$  day of November , 2005;

hereinafter termed "Inventors", have invented certain new and useful improvements in

#### METHOD AND APPARATUS FOR HARDWARE XML ACCELERATION

and have executed a declaration or oath of inventorship for an application for a United States patent disclosing and identifying the invention on:

(1) the <u>4<sup>th</sup></u> day of <u>November</u>, 2005; (2) the <u>4<sup>th</sup></u> day of <u>November</u>, 2005;

being filed herewith; OR

- (3) the  $4^{\underline{\mu}}$  day of <u>November</u>, 2005; (4)
- (5) the <u>10<sup>th</sup></u> day of <u>November</u>, 2005; (6)
- (7) the  $3^{\underline{rd}}$  day of <u>November</u>, 2005.

[X]

Said application:

[] having Application No. \_\_\_\_\_, filed on \_\_\_\_\_, 2005.

WHEREAS, <u>Sun Microsystems, Inc.</u> a corporation of the State of <u>Delaware</u>, having a place of business at <u>4150 Network Circle</u>, <u>Santa Clara</u>, <u>CA 95054</u>, (hereinafter termed "Assignee"), 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:

Attorney Docket No. SUN05-0974

1 of 3

2. Said Inventors hereby jointly and severally 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 reissues and reexaminations, 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.

3. The terms and covenants 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, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below.

Date:	Signature:	
		Jochen Behrens
Date:	Signature:	
	Name:	Marcelino M. Dignum
Date:	Signature:	
	Name:	Wayne F. Seltzer
Attorney Docket No. SUN05-0974	2 of	3

Date:	Signature:	
	Name:	William T. Zaumen
Date:		
	Name:	John P. Petry
Date: 11/7/2005	Signature:	Ripen
	Name:	Santiago M. Pericas-Geertsen
Date:	Signature:	
	Name:	Biswadeep Nag

1

WHEREAS, the undersigned,

- (1)**BEHRENS**, Jochen 224 Arbor Avenue Santa Cruz, CA 95062
- (3) SELTZER, Wayne F. 1613 Elmar Way San Jose, CA 95129
- PETRY, John P. (5) 10334 Barrywood Way San Diego, CA 92131
- (7) NAG, Biswadeep 37251 Tomasek Terrace Fremont, CA 94536

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# METHOD AND APPARATUS FOR HARDWARE XML ACCELERATION

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- the  $4^{\text{th}}$  day of \_\_\_\_ November \_\_\_\_\_, 2005; the  $4^{\text{th}}$  day of \_\_\_\_\_, 2005; (2) (1)the  $\underline{8^{th}}$  day of <u>November</u>, 2005;
- the  $4^{\text{th}}$  day of November \_\_\_\_\_, 2005; (3) (4)
- the  $10^{\text{th}}$  day of November , 2005; the  $7^{\text{th}}$  day of November , 2005; (5) (6)

being filed herewith; OR

the  $3^{rd}$  day of November , 2005. (7)

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Attorney Docket No. SUN05-0974

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Attorney Docket No. SUN05-0974	2 of 3	

Date:	Signature:
	Name: William T. Zaumen
Date:	Signature:
	Name: John P. Petry
Date:	Signature:
	Name: <u>Santiago M. Pericas-Geertsen</u>
Date: <u>NoV 3, 2005</u>	Signature: Bismodup Nog

Name: \_\_\_\_\_Biswadeep Nag\_\_\_\_\_

Attorney Docket No. SUN05-0974

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RECORDED: 11/14/2005