

09-02-2004

FORM PTO-1595

RF



IEET

U.S. DEPARTMENT OF COMMERCE

1-31-92

8.25.04

102828195

Patent and Trademark Office

To the Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Ronald Ho, Jonathan K. Gainsley, Robert J. Drost
Additional name(s) of conveying party(ies) attached? [] Yes [X] No

2. Name and address of receiving party(ies):
Name: Sun Microsystems, Inc.
Street Address: 4150 Network Circle
City: State: Zip: Santa Clara, CA 95054
Additional name(s) & address(es) attached?
[] Yes [X] No

13441 U.S. PTO
10/927285
082504

3. Nature of conveyance:
[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other
Execution Date: August 24, 2004

4. 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: August 24, 2004
A. Patent Application No.(s):
Additional numbers attached? [] Yes [] No
B. Patent No.(s):

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: A. Richard Park
Park, Vaughan & Fleming LLP
508 Second Street, Suite 201
Davis, CA 95616
Attorney Docket No.: SUN04-0553

6. Total number of applications and patents involved: [1]
7. Total fee (37 CFR 3.41) \$40.00
[X] Enclosed
[] Authorized to be charged to deposit account
8. Deposit account number:

DO NOT USE THIS SPACE

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.
A. Richard Park _____ August 25, 2004
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments and document: [7]

#corporate power of attorney

08/30/2004 HVUONG1 00000032 10927285

1

03 FC:8021

40.00 0P

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Ronald Ho
Jonathan K. Gainsley
Robert J. Drost

441 Kent Drive, Mountain View, CA 94043
255 S. Rengstorff Avenue #27, Mountain View, CA 94040
112 Montelena Court, Mountain View, CA 94040

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

APPARATUS AND METHOD FOR ASYNCHRONOUSLY CONTROLLING DATA TRANSFERS ACROSS LONG WIRES

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

X On the 24th day of August , 20 04 ;

Or

Said application having Application Number and filed on August 25, 2004 ; and

WHEREAS, Sun Microsystems, Inc. a corporation of the State of Delaware , having a place of business at 4150 Network Circle, Santa Clara, CA 95054 , (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 Inventor(s) (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 Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) 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 and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor(s) 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 Inventor(s) 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,

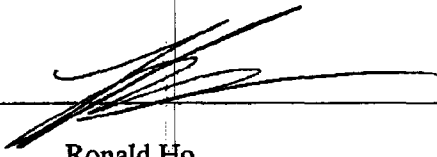
Attorney Docket No. SUN04-0553

public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) 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 Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) 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 Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.



4/17/09

Ronald Ho

Date

Jonathan K. Gainsley

Date

Robert J. Drost

Date

Date

Date

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Ronald Ho
Jonathan K. Gainsley
Robert J. Drost

441 Kent Drive, Mountain View, CA 94043
255 S. Rengstorff Avenue #27, Mountain View, CA 94040
112 Montelena Court, Mountain View, CA 94040

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

APPARATUS AND METHOD FOR ASYNCHRONOUSLY CONTROLLING DATA TRANSFERS ACROSS LONG WIRES

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

X On the 24th day of August , 20 04 ;

Or

Said application having Application Number and filed on August 25, 2004 ; and

WHEREAS, Sun Microsystems, Inc. a corporation of the State of Delaware , having a place of business at 4150 Network Circle, Santa Clara, CA 95054 , (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 Inventor(s) (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 Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) 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 and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor(s) 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 Inventor(s) 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,

Attorney Docket No. SUN04-0553

public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

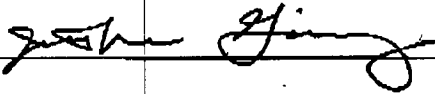
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) 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 Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.

Ronald Ho

Date



May 10, 2004

Jonathan K. Gainsley

Date

Robert J. Drost

Date

Date

Date

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Ronald Ho
Jonathan K. Gainsley
Robert J. Drost

441 Kent Drive, Mountain View, CA 94043
255 S. Rengstorff Avenue #27, Mountain View, CA 94040
112 Montelena Court, Mountain View, CA 94040

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

APPARATUS AND METHOD FOR ASYNCHRONOUSLY CONTROLLING DATA TRANSFERS ACROSS LONG WIRES

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

X On the 24th day of August , 20 04 ;

Or

Said application having Application Number and filed on August 25, 2004 ; and

WHEREAS, Sun Microsystems, Inc. a corporation of the State of Delaware , having a place of business at 4150 Network Circle, Santa Clara, CA 95054 , (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 Inventor(s) (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 Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) 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 and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor(s) 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 Inventor(s) 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,

Attorney Docket No. SUN04-0553

public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) 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 Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) 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.

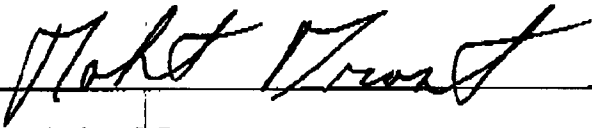
IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.

Ronald Ho

Date

Jonathan K. Gainsley

Date



24 Aug 2004

Robert J. Drost

Date

Date

Date