

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Arieh Markel</td> <td>03/29/2006</td> </tr> <tr> <td>Jordan Boucher</td> <td>03/31/2006</td> </tr> <tr> <td>Nicholas Stephen</td> <td>03/28/2006</td> </tr> <tr> <td>Peter Schow</td> <td>03/28/2006</td> </tr> </tbody> </table>		Name	Execution Date	Arieh Markel	03/29/2006	Jordan Boucher	03/31/2006	Nicholas Stephen	03/28/2006	Peter Schow	03/28/2006
Name	Execution Date										
Arieh Markel	03/29/2006										
Jordan Boucher	03/31/2006										
Nicholas Stephen	03/28/2006										
Peter Schow	03/28/2006										
RECEIVING PARTY DATA											
Name:	Sun Microsystems, Inc.										
Street Address:	4150 Network Circle										
City:	Santa Clara										
State/Country:	CALIFORNIA										
Postal Code:	95054										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11279367</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11279367						
Property Type	Number										
Application Number:	11279367										
CORRESPONDENCE DATA											
Fax Number:	(719)448-5922										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	719-448-5947										
Email:	jllange@hhlaw.com										
Correspondent Name:	William J. Kubida										
Address Line 1:	One Tabor Ctr, 1200 17th St., Ste. 1500										
Address Line 4:	Denver, COLORADO 80903										
ATTORNEY DOCKET NUMBER:	SUN060480										
NAME OF SUBMITTER:	William J. Kubida										
Total Attachments: 6 source=SUN060480 assgn#page1.tif											

CH \$40.00 11279367

source=SUN060480 assgn#page2.tif
source=SUN060480 assgn#page3.tif
source=SUN060480 assgn#page4.tif
source=SUN060480 assgn#page5.tif
source=SUN060480 assgn#page6.tif

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Arieh Markel - Execution Date: 03/29/2006
Jordan Boucher - Execution Date: 03/31/2006
Nicholas Stephen - Execution Date: 03/28/2006
Peter Schow - Execution Date: 03/28/2006

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

2. Name and address of receiving party(ies)

Sun Microsystems, Inc., a Delaware corporation
4150 Network Circle
Santa Clara, CA 95054

Additional name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance

- [X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Joint Research Agreement
[] Government Interest Assignment
[] Executive Order 9424, Confirmatory License
[] Other

4. Application or patent number(s):

A. Patent Application No.(s) 11/279,367
Attorney Docket No.: SUN060480-US-NP

[X]

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

5. Name and Address to whom correspondence concerning document should be mailed:

Name: William J. Kubida
Internal Address: Hogan & Hartson LLP
One Tabor Center
1200 17th Street, Suite 1500
Street Address: same as above
City: Denver State: CO Zip: 80202
Phone Number: 719-448-5909
Fax Number: 719-448-5922
Email Address: PatentColorado@hhlaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- [] Authorized to be charged by credit card
[X] Authorized to be charged to deposit account
[] Enclosed
[] None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit account number 50-1123

Authorized User Name _____

9. Signature :

[Handwritten Signature]

Signature

[Handwritten Date: 11 April 2006]

Date

Michael C. Martensen

Name of Person signing

Total number of pages including cover sheet, attachments and document: 6

ASSIGNMENT

WHEREAS, we, **Arieh Markel**, having a business address of 500 Eldorado Blvd., Broomfield, CO 80021; **Jordan Boucher**, having a business address of 500 Eldorado Blvd., Broomfield, CO 80021; **Nicholas Stephen**, having a business address of 180, Avenue de l'Europe, Zirst de Montbonnot 38334 SAINT - ISMIER CEDEX, France, and **Peter Schow**, having a business address of 500 Eldorado Blvd., Broomfield, CO 80021, have made a certain new and useful invention relating to a POPULATION OF SPARSE INFORMATION MODEL HIERARCHIES, for which we are making or have made application for Letters Patent of the United States, said application being identified by Docket No. SUN060480-US-NP and Client/Matter No. 80168.0438 in the law firm of Hogan & Hartson, L.L.P. One Tabor Center, 1200 Seventeenth Street, Suite 1500, Denver, Colorado, 80202, and which is executed concurrently herewith, and

WHEREAS, we now own the entire right, title and interest therein; and

WHEREAS, Sun Microsystems, Inc., hereinafter ASSIGNEE, a Delaware corporation, whose post office address is 4150 Network Circle, Santa Clara, California 95054, is desirous of acquiring the entire interest in and to said invention, said application, and the Letters Patent to be obtained therefor;

NOW THEREFORE, upon consideration of our employment and other good and valuable consideration, the adequacy of which is hereby acknowledged, we do hereby sell and assign unto ASSIGNEE and ASSIGNEE's legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both of the United States and of other countries, and inventor's certificates, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, we do hereby covenant with ASSIGNEE that we will not execute any writing or do any act whatsoever conflicting with this assignment, and that we will, at any time upon request, without further or additional consideration, but at the expense of

ASSIGNEE, execute such additional assignments and other writings and do such additional acts as ASSIGNEE may deem necessary or desirable to perfect ASSIGNEE's enjoyment of this grant, and render all necessary assistance in applying for and obtaining original, continuation, continuation-in-part, divisional, reexamined, renewal, reissued or extended Letters Patent of the United States, or of other countries, or inventor's certificates, on said invention, and in enforcing any rights or causes in action accruing as a result of such applications, certificates, or patents, by giving testimony in any proceedings or transactions involving such applications, certificates, or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, we have hereunto set our hands on the date hereinafter set forth.

Date: _____

Arieh Markel

Date: _____

Jordan Boucher

Date: 28/3/06

N. Stephen

Nicholas Stephen

Date: _____

Peter Schow

ASSIGNEE, execute such additional assignments and other writings and do such additional acts as ASSIGNEE may deem necessary or desirable to perfect ASSIGNEE's enjoyment of this grant, and render all necessary assistance in applying for and obtaining original, continuation, continuation-in-part, divisional, reexamined, renewal, reissued or extended Letters Patent of the United States, or of other countries, or inventor's certificates, on said invention, and in enforcing any rights or causes in action accruing as a result of such applications, certificates, or patents, by giving testimony in any proceedings or transactions involving such applications, certificates, or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, we have hereunto set our hands on the date hereinafter set forth.

Date: _____

Arieh Markel

Date: _____

Jordan Boucher

Date: _____

Nicholas Stephen

Date: March 28, 2006

Peter H. Schow
Peter Schow


ASSIGNEE, execute such additional assignments and other writings and do such additional acts as ASSIGNEE may deem necessary or desirable to perfect ASSIGNEE's enjoyment of this grant, and render all necessary assistance in applying for and obtaining original, continuation, continuation-in-part, divisional, reexamined, renewal, reissued or extended Letters Patent of the United States, or of other countries, or inventor's certificates, on said invention, and in enforcing any rights or causes in action accruing as a result of such applications, certificates, or patents, by giving testimony in any proceedings or transactions involving such applications, certificates, or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, we have hereunto set our hands on the date hereinafter set forth.

Date: _____

Arieh Markel

Date: 3/31/2006



Jordan Boucher

Date: _____

Nicholas Stephen

Date: _____

Peter Schow

ASSIGNEE, execute such additional assignments and other writings and do such additional acts as ASSIGNEE may deem necessary or desirable to perfect ASSIGNEE's enjoyment of this grant, and render all necessary assistance in applying for and obtaining original, continuation, continuation-in-part, divisional, reexamined, renewal, reissued or extended Letters Patent of the United States, or of other countries, or inventor's certificates, on said invention, and in enforcing any rights or causes in action accruing as a result of such applications, certificates, or patents, by giving testimony in any proceedings or transactions involving such applications, certificates, or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, we have hereunto set our hands on the date hereinafter set forth.

Date: 3/24/06

Allen Markel
Allen Markel

Date: _____

Jordan Boucher

Date: _____

Nicholas Stephen

Date: _____

Peter Schow