

10-17-2003



FORM PTO-1596
1-31-92

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 15437-0596

102577449
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy them.

1. Name of Conveying Party(ies):
1) Justin Dolske, 2) Tomoko Fukuzawa and
3) Paul Sangster
Additional name(s) of conveying party(ies) attached? Yes

10.3.03

2. Name and address of receiving party(ies):
Name: Sun Microsystems, Inc.
Internal Address:
Street Address: 4150 Network Circle
City: Santa Clara State/Country CA ZIP: 95054
Additional name(s) & address(es) attached? Yes

22389 U.S. PTO
10/678472
100303

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: 10/3/03

4. Application number(s) or patent number(s):
If the document is being filed together with a new application, the execution date of the application is: 10/3/03
A. Patent Application No(s): 10678472
B. Patent No(s):
Additional numbers attached? Yes

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Hickman Palermo Truong & Becker LLP
Internal Address:
Street Address: 1600 Willow Street.
City: San Jose State: CA Zip: 95125

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41) \$40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
50-1302

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.
Christian A. Nicholes, Reg. No. 50,266
Name and Registration No. of Person Signing
Signature
Date
Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

10/09/2003 AOSMAN1 00000034 10678472
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P7829NP

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PATENT
REEL: 014589 FRAME: 0157

ASSIGNMENT

KNOW ALL MEN BY THESE PRESENTS, That Whereas we **JUSTIN DOLSKE, TOMOKO FUKUZAWA and PAUL SANGSTER**, have invented certain new and useful improvements in **SMART CARD FRAMEWORK**, for which an application for Letters Patent of the United States of America has been executed; and

WHEREAS **SUN MICROSYSTEMS, INC.**, a corporation duly organized and existing under the laws of Delaware, and having an address at 4150 Network Circle, Santa Clara, California 95054, is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States;

NOW THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable considerations to us by **SUN MICROSYSTEMS, INC.**, the receipt whereof is hereby acknowledged, we do hereby sell, assign, transfer and set over unto **SUN MICROSYSTEMS, INC.**, its successors and assigns, the entire right, title and interest in, to and under the said application for United States Letters Patent, including all priority rights arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for the said inventions, or any of them.

TO HAVE, HOLD and ENJOY the said inventions, the said Application, and the said Letters Patent to said **SUN MICROSYSTEMS, INC.**, its successors and assigns, to its and their own use and behoof to the full end of the term or terms for which the said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

And we do hereby authorize and request the Commissioner of Patents of the United States to issue any United States Letters Patent which may be granted on the said application, or any divisional, reissue or continuation applications, or for the said inventions, or any of them, to said **SUN MICROSYSTEMS, INC.**, its successors and assigns, as assignees of the entire right, title and interest therein and thereto.

And we do hereby, for ourselves and for our legal representatives, covenant and agree with **SUN MICROSYSTEMS, INC.**, its successors and assigns, that we have granted to others no license to make, use or sell any of the said inventions, that our right, title and interest in the said inventions has not been encumbered, that we have good right and title to sell and assign the same, and that we will not execute any instrument in conflict herewith.

And we do hereby, for ourselves and for our legal representatives, further covenant and agree with **SUN MICROSYSTEMS, INC.**, its successors and assigns, that upon request we will, and they shall, execute divisional, reissue or continuation applications, amended specifications, or rightful oaths; communicate to **SUN MICROSYSTEMS, INC.**, its successors and assigns, any facts known to us relating to the said inventions or the history thereof; execute preliminary statements and testify in any interference proceedings; execute and deliver any application papers, assignments, or other instruments, and do all other acts which, in the opinion of counsel for **SUN MICROSYSTEMS, INC.**, may be necessary or convenient to secure the grant of Letters Patent to **SUN MICROSYSTEMS, INC.**, its successors and assigns, or its nominees, in the United States and in all other countries where **SUN MICROSYSTEMS, INC.**, may desire to have the said inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for **SUN MICROSYSTEMS, INC.**, and to vest and confirm in **SUN MICROSYSTEMS, INC.**, its successors and assigns, or its nominees, the full and complete legal and equitable title to all such Letters Patent, without further consideration than now paid but at the expense of **SUN MICROSYSTEMS, INC.**, its successors or assigns.

The undersigned hereby grants the firm of Hickman Palermo Truong & Becker, LLP of 1600 Willow Street, San Jose, California 95125-5106 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, we have hereunto set our hand and seal on the date indicated

below:

Date: 3 Oct 2003



JUSTIN DOLSKE

Date: _____

TOMOKO FUKUZAWA

Date: _____

PAUL SANGSTER

HICKMAN PALERMO TRUONG & BECKER, LLP
1600 Willow Street
San Jose, California 95125-5106

ASSIGNMENT

KNOW ALL MEN BY THESE PRESENTS, That Whereas we *JUSTIN DOLSKE, TOMOKO FUKUZAWA and PAUL SANGSTER*, have invented certain new and useful improvements in SMART CARD FRAMEWORK, for which an application for Letters Patent of the United States of America has been executed; and

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TO HAVE, HOLD and ENJOY the said inventions, the said Application, and the said Letters Patent to said **SUN MICROSYSTEMS, INC.**, its successors and assigns, to its and their own use and behoof to the full end of the term or terms for which the said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

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Date: _____

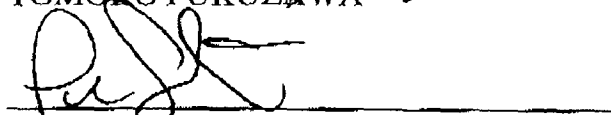
JUSTIN DOLSKE

Date: Oct 3 2003



TOMOKO FUKUZAWA

Date: 10/03/2003



PAUL SANGSTER

HICKMAN PALERMO TRUONG & BECKER, LLP
1600 Willow Street
San Jose, California 95125-5106