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original documents or copy thereof.

To the Honorable Commissioner of Patents a

1. Name of conveying party(ies):
 Paul J. Jagodik, Jeffrey S. Brooks, and Christopher Olson

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

2. Name and address of receiving party(ies):
 Name: Sun Microsystems, Inc.
 Internal Address: _____
 Street Address: 4150 Network Circle
 City/State/Zip: Santa Clara, CA 95054

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

19270 U.S. PTO
10782162
021904

3. Nature of Conveyance:
 Assignment Merger
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 Other: _____
 Execution Date(s): 02/17/04

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: 02/17/04

A. Patent Application No.: 10782162 B. Patent No.: _____
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Mark Zagorin
 Internal Address: Zagorin, O'Brien & Graham, L.L.P.
 Street Address: 7600B N. Capital of Texas Hwy, Suite 350
 City/State/Zip: Austin, TX 78731

6. Total number of applications and patents involved: 1

02/25/2004 SMINASS1 00000048 10782162
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7. Total Fee (37 CFR 3.41): \$ 40.00

A check is enclosed for the Total Fee shown above
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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.

Mark Zagorin, Reg. No. 36,067 Mark Zagorin 2/19/04
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Total number of pages including cover sheet: 3

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PATENT
REEL: 015010 FRAME: 0695

ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged,
I, an ASSIGNOR named below,

Paul J. Jagodik of Austin, TX
Jeffrey S. Brooks of Austin, TX
Christopher Olson of Austin, TX

hereby sell, assign and transfer to

ASSIGNEE: Sun Microsystems, Inc., a Delaware corporation, having a principal
place of business at 4150 Network Circle, Santa Clara, CA 95054,

its successors, assigns and legal representatives, my entire right, title and interest throughout
the world, including all rights to claim priority, in and to the invention(s) disclosed in:

- U.S. Patent Application executed on or about the date of this Assignment,
- U.S. Patent Application executed on _____, or
- U.S. Provisional Application
- U.S. Application No.: _____, filed on _____
- International Application No.: PCT/_____, filed on _____

ENTITLED: **MULTIPLIER STRUCTURE SUPPORTING DIFFERENT
PRECISION MULTIPLICATION OPERATIONS**, and naming
as

INVENTOR(S): Paul J. Jagodik, Jeffrey S. Brooks, and Christopher Olson

including without limitation, my entire right, title and interest in and to any and all United
States and foreign applications (including international, regional and foreign national
applications) for said invention(s), including divisions, continuations, continuations-in-part,
renewals, substitutes and extensions thereof, and in and to any and all patents of every
country or region that may be granted or have been granted for said invention(s), including
any reissues and reexaminations thereof.

To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that
the application number and filing date be inserted here, if not already shown above,
(____/____, filed _____) when they become known.

I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to
claim all rights of priority without further authorization from me.

I agree to execute any and all papers useful in connection with any and all United States and
foreign applications (including international, regional, and foreign national applications), and
generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees,
at their request and reasonable expense, in obtaining and enforcing patents for said
invention(s) in all countries.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or
will be made or entered into that would conflict with this Assignment.

ASSIGNMENT OF INVENTION

I authorize and request the Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

Executed on 2/17, 2004 by Paul J. Jagodik
Paul J. Jagodik

Executed on 2/17, 2004 by Jeffrey S. Brooks
Jeffrey S. Brooks

Executed on 2/17, 2004 by Christopher Olson
Christopher Olson