

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
David W. Copeland	08/04/2008
Andrew R. Mastro	08/04/2008
Marlin R. Vogel	08/04/2008
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	
Property Type	Number
Application Number:	12188734
CORRESPONDENCE DATA	
Fax Number:	(713)228-8778
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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ATTORNEY DOCKET NUMBER:	03227/095001
NAME OF SUBMITTER:	Yuki Bennyhoff
<p>Total Attachments: 3</p> <p>source=03227095001 assn_20080808152927#page1.tif</p>	

OP \$40.00 12188734

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PATENT
REEL: 021363 FRAME: 0850

ASSIGNMENT — WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

Sun Microsystems, Inc.

having the following address:

4150 Network Circle
Santa Clara, California 95054

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

LIQUID-COOLED RACK WITH PRE-COOLER AND POST-COOLER HEAT EXCHANGERS USED FOR EMI SHIELDING

for which the undersigned has/have executed an application for patent in the United States of America on or about this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP 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 the recordation of this document.

OSHA LIANG LLP


PATENT
REEL: 021363 FRAME: 0852

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

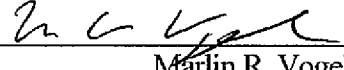
4 August 2008
Date

1st Inventor Signature: 
Print or Type Name: David W. Copeland

04 AUG 2008
Date

2nd Inventor Signature: 
Print or Type Name: Andrew R. Masto

8/8/08
Date

3rd Inventor Signature: 
Print or Type Name: Marlin R. Vogel

396315_1

When this Assignment is not filed concurrently with the patent application,
the following identifying information may be added after execution:

U.S. Application Serial No.: 12/188,734
Filing Date: August 8, 2008

All Purpose Acknowledgement

State of California

County of SANTA CLARA

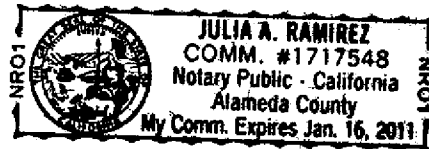
On August 4, 2008 before me, Julia A. Ramirez, Notary Public

personally appeared Marlin R. Vogel, Andrew R. Masto, & David W. Copeland
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature Julia Ramirez (Seal)



(optional information)

**The information below is not required by law. However, it could prevent fraudulent attachment of this
acknowledgement to an unauthorized document.*

CAPACITY CLAIMED BY SIGNER (PRINCIPAL)

- ☒ Individual
- ☒ Corporation Officer

_____ title(s)

- ☒ Partner(s)
- ☒ Attorney-In-Fact
- ☒ Trustee
- ☒ Guardian/Conservator
- ☒ Other

Co-patent application
Signers

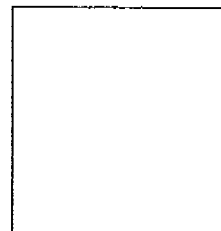
DESCRIPTION OF ATTACHED DOCUMENT

Assignment-Worldwide
Title or Type of Document

2
Number of Pages

8/4/08
Date on Document

Right Thumbprint
of Signer



SIGNER IS REPRESENTING:
Name of Person(s) OR Entity(ies)

