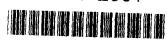
ASSIG



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SHEET



To: Honorable Commissioner of Patents and Trademarks:

Please record	I the attache	d original d	locument(s)	or copy then	eof.

- 1. Name of conveying party(ies)
 - a) Hideya Kawahara

b)

c)

10/3/101

- 2. Name and address of receiving party(ies):
 - a) Name:

Sun Microsystems, Inc.

Address:

901 San Antonio Road, Palo Alto, California 94303

3.	Nature	e of conveyance Assignment Security Agreement Other		Merger Change of Name License Agreement	
	Execu	tion Date: October 26, 2001			
4.	Application Number(s) or Patent Number(s): New			10/03920	
	The tit	tle of the (new) application is:			100
	APPAI	RATUS AND METHODS FOR		RATING APIs FOR PI SEMENT	ROGRAM EXECUTION

5. Please send all correspondence concerning this (these) documents to:

Beyer Weaver & Thomas, LLP P.O. Box 778 Berkeley, CA 94704-0778 Ph: (510) 843-6200 Fax: (510) 843-6203

(Customer Number: 022434)

- 6. Total number of applications and patents involved: 1
- 7. Total fee (37 CFR 3.41): \$40.00

Enclosed

Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. SUN1P823)

8. 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.

Date: October 31, 2001

12/11/2001 AADOF01 00000017 10003920

03 FC:581

40.00 OP

Attorney Docket No. SUN 1P823

Mary R. Olynick Registration No. 42,963

(Revised 01/96)

PATENT

REEL: 012359 FRAME: 0468

ASSIGNMENT OF PATENT APPLICATION

Whereas I an undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

APPARATUS AND METHODS FOR INTEGRATING APIs FOR PROGRAM EXECUTION MANAGEMENT

(Atty. Docket No. SUN1P823/P5905 check one)		
for which I have executed a U.S. patent application on even date herewith. (Accompanying) which bears U.S. application No (Not accompanying) which is a U.S. provisional application. (Accompanying)		
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I an undersigned inventor hereby:		
Sell, assign and transfer to <u>Sun Microsystems</u> , <u>Inc.</u> , a California corporation having a place of usiness at 901 San Antonio Road, Palo Alto, CA 94303 ("ASSIGNEE"), the entire right, title and terest in any and all improvements and inventions disclosed in, applications based upon, and attents (including foreign patents and the right to claim priority) granted upon, the above-referenced oplication.		
2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.		
3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.		
4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.		
5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.		
6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.		
Signed on the date indicated beside my signature.		

Revised 06/01, Assign US Notary

PATENT REEL: 012359 FRAME: 0469

1. Inventor Signature: Achige Laure Hideya Kawahara	when Date: 007, 26, 200/			
State of California)				
County of)	SS.			
On this, day of, in the year 2001, before me,, Notary Public, personally appeared, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal.				
Notary Signature	(SEAL)			

Revised 06/01, Assign US Notary

RECORDED: 10/31/2001

PATENT REEL: 012359 FRAME: 0470