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OMB No. 0651-0011 (exp. 4/94) To The Honorable Commissioner of Patents and I	Frademarke: Plea		I RIBE! MEM IN!!! MIN! (MM	by thereof.
200	1 ademarks. Ties	<u>**</u> 100994	4884	by incicol.
Name of conveying party(ies):	2.	Name and address of rece	·	
GUPTA, Amit	3.70	Name: SUN MICROSYS	TEMS INC	
VENKATARAMAN, Sriraman BAEHR, Geoffrey		Mario. CON IMORIOGIO	TEMOLUTO.	
	ļ	Internal Address:		
WKD 3-32-39				
Additional name(s) of conveying party(ies) attached? Yes	X No			
3. Nature of conveyance:	ì	0		
X Assignment Merger	1	Street Address: 901 Sar	Antonio Hoad	
Security Agreement Change o	f Name	PAL01-521		
Security Agreement Change o	, realite		a a	
Other		City: Palo Alto	State: <u>CA</u> Zip:	94303
Execution Date: <u>01/28/99, 02/02/99 & 03/10/99</u>		Additional name(s) & address	(es) attached? Ye	s <u>X</u> No
Application number(s) or patent number(s):				· · · · · · · · · · · · · · · · · · ·
If this document is being filed together with a new a	pplication, the exe	cution date of the application	on is:	
A. Detaut Application No. (a)	1	B. Patent No.(s)		
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09/192,874	}			
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Additiona	al numbers attache	l? Yes X No		
		Total number of application	a and natanta involv	ad: 1
Name and address of party to whom corresponder	ice o.	Total number of application	s and paterns involv	5u
concerning document should be mailed:	1			
	7	Total fee (37 CFR 3.41)	\$ 40.00	
Name: HECKER & HARRIMAN	1			
Internal Address: 1925 Century Park East, Suite	2300	X Enclosed		
Los Angeles, California 90067		X Authorized to be charg	ged to deposit acco	unt for any
	del	ciency		
		0101101		
	8.	Deposit account number:		
Street Address: 1925 Century Park East		·		
	į	08-1520		
Suite 2300		(A41-11-4-11-1-1-1-1-4-1-4-1-		
City Los Angeles State CA Zip	90067	(Attach duplicate copy of this	page if paying by de	posit accounty
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9. Statement and signature. To the best of my knowledge and belief, the forego	oina information is	true and correct and any a	ttached conv is a tri	le
copy of the original document.			1	
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J. D. Hamman II Name of Person Signing Date				
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Reg. No. 31,967	, , , .			

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments

Washington, D.C. 20231

PATENT REEL: 9836 FRAME: 0359

Attorney Docket No. 63000.1050/P8403RSH

110.730 F.IKT 1006

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, AMIT GUPTA, hereby sell, assign, and transfer to: <u>SUN MICROSYSTEMS</u> , INC., a corporation of Delaware, having a principal place of business at: 901 San Antonio Road, M/SPAL01-521, Palo Alto, California 94303 ("Assignee") its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent
which has been executed by the undersigned concurrently herewith,
[X] which was filed November 16, 1998 and assigned Serial No. 09/192,874
and is entitled: METHOD AND APPARATUS FOR LOCAL ADVERTISING and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;
Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and
Covenant with sald Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.
en de la companya de La companya de la co
Date: JAN 28 , 1999 Name: AMIT GUPTA

PATENT REEL: 9836 FRAME: 0360

Attorney Docket No. 83000.1050/P3403RSH

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, SRIRAMAN VENKATARAMAN, hereby sell, assign, and transfer to: SUN MICROSYSTEMS, INC., a corporation of Delaware, having a principal place of husiness at: 901 San Antonio Road, M/SPAL01-521, Palo Alto, California 94303 ("Assignee") its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent

	<u>-</u>] which	has beer	executed	by the	undersig	gned cond	urrently he	erewith,
٢	x	1 which	was filed	Novembe	r 16. 1	998 and	assigned	Serial No.	09/192.874

and is entitled: METHOD AND APPARATUS FOR LOCAL ADVERTISING and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement attenting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 4th 14a-ch , 1999

Name: SPIRAMAN VENKATARAMAN

PATENT REEL: 9836 FRAME: 0361

Attorney Docker No. 83000.1050/Pa403RSH

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, GEOFFREY BAEHR, hereby sell, assign, and transfer to: <u>SUN MICROSYSTEMS, INC.</u>, a corporation of Delaware, having a principal place of business at: 901 San Antonio Road, M/SPAL01-521, Palo Alto, California 94303 ("Assignee") its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent

which has bee	n executed by the undersigned concurrently herewith,
[X] which was filed	November 16, 1998 and assigned Serial No. 09/192,874

and is entitled: METHOD AND APPARATUS FOR LOCAL ADVERTISING and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful caths, assignments powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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Date: Feb 2 , 1999

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Name: GEOFFREY BAEHF

SUN MICROSYSTEMS TECHNOLOGY DEV.

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REEL: 9836 FRAME: 0362