

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Dawei Huang	06/03/2008
Dong J. Yoon	06/05/2008
Osman Javed	06/05/2008
Zuxu Qin	06/06/2008
Deqiang Song	06/03/2008
Daniel J. Beckman	06/03/2008
Drew G. Doblar	06/13/2008
Waseem Ahmad	06/05/2008
Andrew Keith Joy	06/23/2008
Simon Dennis Forey	06/23/2008
William Franklin Leven	06/03/2008
Nirmal C. Warke	06/03/2008

RECEIVING PARTY DATA

Name:	Sun Microsystems, Inc.
Street Address:	4150 Network Circle
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

Name:	Texas Instruments, Inc.
Street Address:	12500 TI Boulevard
Internal Address:	P.O. Box 660199
City:	Dallas
State/Country:	TEXAS
Postal Code:	75266

PROPERTY NUMBERS Total: 1

Property Type	Number
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PATENT

500574702

REEL: 021137 FRAME: 0878

CH \$40.00 12144610

Application Number:	12144610
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CORRESPONDENCE DATA

Fax Number: (408)749-6901

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 408-749-6914

Email: ken@MPIPLAW.COM

Correspondent Name: Kenneth D. Wright

Address Line 1: 710 LAKEWAY DRIVE

Address Line 2: SUITE 200

Address Line 4: SUNNYVALE, CALIFORNIA 94085

ATTORNEY DOCKET NUMBER:

SUNMP774

NAME OF SUBMITTER:

Kenneth D. Wright

Total Attachments: 7

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:


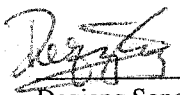
SELL, ASSIGN AND TRANSFER to SUN MICROSYSTEMS, INC. and TEXAS INSTRUMENTS, INC. (the "Assignees"), corporations organized and existing under and by virtue of the laws of the State of Delaware respectively, having its principal place of business at 4150 Network Circle, Santa Clara, California 95054 and 12500 TI Boulevard, P.O. Box 660199, Dallas, Texas 75266, respectively, 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, and is entitled REAL-TIME OPTIMIZATION OF TX FIR FILTER FOR HIGH-SPEED DATA COMMUNICATION (Docket: SUNMP774/SUN080016), such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignees;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignees, 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 such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignees all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignees shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignees;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignees.

1) Signature:  Date: <u>06/03/08</u> Typed Name: Dawei Huang	7) Signature: _____ Date: _____ Typed Name: Drew G. Doblar
2) Signature: _____ Date: _____ Typed Name: Dong J. Yoon	8) Signature: _____ Date: _____ Typed Name: Waseem Ahmad
3) Signature: _____ Date: _____ Typed Name: Osman Javed	9) Signature: _____ Date: _____ Typed Name: Andrew Keith Joy
4) Signature: _____ Date: _____ Typed Name: Zuxu Qin	10) Signature: _____ Date: _____ Typed Name: Simon Dennis Forey
5) Signature:  Date: <u>6/3/08</u> Typed Name: Deqiang Song	11) Signature: _____ Date: _____ Typed Name: William Franklin Leven
6) Signature: _____ Date: _____ Typed Name: Daniel J. Beckman	12) Signature: _____ Date: _____ Typed Name: Nirmal C. Warke

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5) Signature: _____ Date: _____ Typed Name: Deqiang Song	11) Signature: _____ Date: _____ Typed Name: William Franklin Leven
6) Signature:  Date: 6-3-08 Typed Name: Daniel J. Beckman	Signature: _____ Date: _____ Typed Name: Nirmal C. Warke

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1) Signature: _____ Date: _____
Typed Name: Dawei Huang

7) Signature: _____ Date: _____
Typed Name: Drew G. Doblar

2) Signature: _____ Date: _____
Typed Name: Dong J. Yoon

8) Signature: _____ Date: _____
Typed Name: Waseem Ahmad

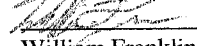
3) Signature: _____ Date: _____
Typed Name: Osman Javed

9) Signature: _____ Date: _____
Typed Name: Andrew Keith Joy

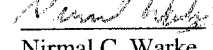
4) Signature: _____ Date: _____
Typed Name: Zuxu Qin

10) Signature: _____ Date: _____
Typed Name: Simon Dennis Forey

5) Signature: _____ Date: _____
Typed Name: Deqiang Song

11) Signature:  Date: 04/02/08
Typed Name: William Franklin Leven

6) Signature: _____ Date: _____
Typed Name: Daniel J. Beckman

12) Signature:  Date: 3rd June '08
Typed Name: Nirmal C. Warke

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to SUN MICROSYSTEMS, INC. and TEXAS INSTRUMENTS, INC. (the "Assignees"), corporations organized and existing under and by virtue of the laws of the State of Delaware respectively, having its principal place of business at 4150 Network Circle, Santa Clara, California 95054 and 12500 TI Boulevard, P.O. Box 660199, Dallas, Texas 75266, respectively, 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, and is entitled REAL-TIME OPTIMIZATION OF TX FIR FILTER FOR HIGH-SPEED DATA COMMUNICATION (Docket: SUNMP774/SUN080016), such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

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1) Signature: _____ Date: _____
Typed Name: Dawei Huang

7) Signature: Drew G. Doblar Date: 6/13/08
Typed Name: Drew G. Doblar

2) Signature: _____ Date: _____
Typed Name: Dong J. Yoon

8) Signature: _____ Date: _____
Typed Name: Waseem Ahmad

3) Signature: _____ Date: _____
Typed Name: Osman Javed

9) Signature: _____ Date: _____
Typed Name: Andrew Keith Joy

4) Signature: _____ Date: _____
Typed Name: Zuxu Qin

10) Signature: _____ Date: _____
Typed Name: Simon Dennis Forey

5) Signature: _____ Date: _____
Typed Name: Deqiang Song

11) Signature: _____ Date: _____
Typed Name: William Franklin Leven

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12) Signature: _____ Date: _____
Typed Name: Nirmal C. Warke

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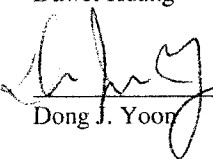
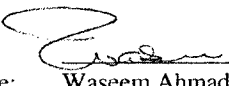
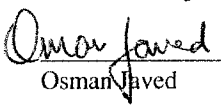
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1) Signature: _____ Date: _____ Typed Name: Dawei Huang	7) Signature: _____ Date: _____ Typed Name: Drew G. Doblal
2) Signature:  Date: <u>6/5/08</u> Typed Name: Dong J. Yoon	8) Signature:  Date: <u>6/5/08</u> Typed Name: Waseem Ahmad
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6) Signature: _____ Date: _____ Typed Name: Daniel J. Beckman	12) Signature: _____ Date: _____ Typed Name: Nirmal C. Warke

ANNALS

FOR GOOD AND VALUABLE CONSIDERATION, the within, premises and all appurtenances thereto, as the same are more fully described in the foregoing plat, are hereby acknowledged to and vested in the undersigned, John Smith.

SELL, ASSIGN AND TRANSFER to SUN MICROSYSTEMS, INC. and ITS SUBSIDIARIES (the "Assignees"), corporations organized and existing under and by virtue of the laws of the State of California, having its principal place of business at 1150 Network Circle, Santa Clara, California 95050, and 1150 Network Circle, Box 660189, Dallas, Texas 75266, respectively, the entire right, title and interest in the patented and unpatented inventions, processes, in and to any and all improvements, which are disclosed in the application for Patent and in the Patent, which has been executed by the undersigned inventors, to-wit: and is part of REAL TIME OPERATION OF EXCEL FILTER FOR HIGH-SPEED DATA COMMUNICATION (Disc # SUNMFT7526600016), and all extensions, continuations, divisions, continuings, substitutes, renewals, renewals and all other applications for patent which have been or may be filed in the United States and all foreign countries, in any or such improvements are all comprising in the United States, and which may be or shall be issued in the United States and all foreign countries, on such applications, and specially all comprising the right to file foreign applications under the provisions of any convention or treaty and custom promulgated and/or implemented in the United States.

AUTHORIZE AND REQUEST the issuing authority to add all "other" secret and restricted material in such circumstances to the exemption.

WARRANT AND CLINICAL USE: This is a 28-day treatment study to evaluate the safety and efficacy of the combination of the investigational drug and the control drug in the treatment of patients with the disease. The study is being conducted in a clinical setting and the results of the study will be used to determine if the combination of the investigational drug and the control drug is safe and effective for the treatment of patients with the disease. The study is being conducted in a clinical setting and the results of the study will be used to determine if the combination of the investigational drug and the control drug is safe and effective for the treatment of patients with the disease.

[illegible]

COLEMAN and MARKE that the above α and β will be identical for the first 10000 iterations and approximately 10% higher than the actual value for the next 10000 iterations and constant at the 15% level.

P. M. BALEK, D. W. HARRIS
 Edward Keener, David Harris

SIGNATURE _____ DATE _____
Typed Name: Frank J. Bovea

Signature _____ Date _____
Print Name: _____ Order: _____

8)	Signature:		id:
	Typed Name:	William Arnold	

34	SYNOPSIS	Date
	Type of lesion: _____ Organism: _____	

Signature	
Typed Name	Anthony M. DeLuca

4. Signature _____ Date 7/2
Printed Name _____

101. Signature _____
Typed Name _____
Date _____

Project Name	Project Number	Date

Leopoldo N. Luna - Guillermo Fernández Leizaola

Serial Number	Signature	Date
1	James M. Smith	October 22, 2001

Signature: _____ Date: _____
 Printed Name: _____

PATENT

REEL: 021137 FRAME: 0885

ASSIGNMENT

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3) Signature: _____ Date: _____ Typed Name: Osman Javed	9) Signature: <u>A.K. Joy</u> Date: <u>23 June 2008</u> Typed Name: Andrew Keith Joy
4) Signature: _____ Date: _____ Typed Name: Zuxu Qin	10) Signature: <u>[Signature]</u> Date: <u>23 June 08</u> Typed Name: Simon Dennis Forey
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