

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
JIANAN YANG	08/29/2011
GARY R. MORRISON	08/29/2011
<b>RECEIVING PARTY DATA</b>	
Name:	FREESCALE SEMICONDUCTOR, INC.
Street Address:	6501 WILLIAM CANNON DR.
Internal Address:	TX30/OE62
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78735
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13220389
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(512)895-6630
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	512-895-6979
Email:	dee.matocha@freescale.com
Correspondent Name:	FREESCALE SEMICONDUCTOR, INC.
Address Line 1:	6501 WILLIAM CANNON DR.
Address Line 2:	TX30/OE62
Address Line 4:	AUSTIN, TEXAS 78735
ATTORNEY DOCKET NUMBER:	MT11644TS
NAME OF SUBMITTER:	Dee Matocha
<p>Total Attachments: 6</p> <p>source=MT11644TS-Assignment#page1.tif</p>	

CH \$40.00 13220389

**501643352**

**PATENT**  
**REEL: 026832 FRAME: 0034**

source=MT11644TS-Assignment#page2.tif  
source=MT11644TS-Assignment#page3.tif  
source=MT11644TS-Assignment#page4.tif  
source=MT11644TS-Assignment#page5.tif  
source=MT11644TS-Assignment#page6.tif

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **JIANAN YANG, AUSTIN, TX; and, GARY R. MORRISON, AUSTIN, TX**, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **FREESCALE SEMICONDUCTOR, INC.**, a corporation of the State of Delaware, having its principal office in Austin, State of Texas, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in **MULTI-THREADING FLIP-FLOP CIRCUIT** (Docket No. **MT11644TS**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto **FREESCALE SEMICONDUCTOR, INC.**, the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize **FREESCALE SEMICONDUCTOR, INC.** to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to **FREESCALE SEMICONDUCTOR, INC.**, for the sole use and benefit of **FREESCALE SEMICONDUCTOR, INC.**, its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to **FREESCALE SEMICONDUCTOR, INC.**


We agree that, when requested, we will, without charge to **FREESCALE SEMICONDUCTOR, INC.**, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in **FREESCALE SEMICONDUCTOR, INC.**, its successors, assigns and legal representatives or nominees.

MT11644TS

1

PATENT  
REEL: 026832 FRAME: 0036

We covenant with FREESCALE SEMICONDUCTOR, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

  
\_\_\_\_\_  
JIANAN YANG

DATE: Aug. 29, 2011

First Witness

  
\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: Aug. 29, 2011  
(Month-Day-Year)

Nelson Vigo  
\_\_\_\_\_  
PRINTED NAME OF WITNESS

Second Witness

  
\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: Aug. 29, 2011  
(Month-Day-Year)

Mark W. Jetton  
\_\_\_\_\_  
PRINTED NAME OF WITNESS

\_\_\_\_\_  
GARY R. MORRISON

DATE: \_\_\_\_\_

STATE OF TEXAS       )  
                                  )  
COUNTY OF TRAVIS    )

The undersigned Notary Public in and for the County and State aforesaid, does hereby certify that GARY R. MORRISON, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this \_\_\_\_ day of \_\_\_\_\_, 2011.

My commission expires:

\_\_\_\_\_  
Notary Public Signature

\_\_\_\_\_  
Printed Name of Notary Public

MT11644TS

3

PATENT  
REEL: 026832 FRAME: 0038

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **JIANAN YANG, AUSTIN, TX; and, GARY R. MORRISON, AUSTIN, TX**, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **FREESCALE SEMICONDUCTOR, INC.**, a corporation of the State of Delaware, having its principal office in Austin, State of Texas, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in **MULTI-THREADING FLIP-FLOP CIRCUIT** (Docket No. **MT11644TS**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto **FREESCALE SEMICONDUCTOR, INC.**, the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize **FREESCALE SEMICONDUCTOR, INC.** to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to **FREESCALE SEMICONDUCTOR, INC.**, for the sole use and benefit of **FREESCALE SEMICONDUCTOR, INC.**, its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to **FREESCALE SEMICONDUCTOR, INC.**

We agree that, when requested, we will, without charge to **FREESCALE SEMICONDUCTOR, INC.**, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in **FREESCALE SEMICONDUCTOR, INC.**, its successors, assigns and legal representatives or nominees.

We covenant with FREESCALE SEMICONDUCTOR, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

\_\_\_\_\_  
JIANAN YANG

DATE: \_\_\_\_\_

First Witness

\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: \_\_\_\_\_  
(Month-Day-Year)

\_\_\_\_\_  
PRINTED NAME OF WITNESS

Second Witness

\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: \_\_\_\_\_  
(Month-Day-Year)

\_\_\_\_\_  
PRINTED NAME OF WITNESS

Gary R. Morrison  
GARY R. MORRISON

DATE: August 29, 2011

STATE OF TEXAS           )  
                                      )  
COUNTY OF TRAVIS       )

The undersigned Notary Public in and for the County and State aforesaid, does hereby certify that GARY R. MORRISON, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 29 day of August, 2011.

My commission expires:



Dee A. Matocha  
Notary Public Signature

Dee A Matocha  
Printed Name of Notary Public