

02-08-2006



DEPARTMENT OF COMMERCE  
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Docket No. SC14418ZP  
(038.0222)

103174241

Express Mail No. EV825637387US

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**  
Chun-Li Liu  
Marius K. Orłowski  
Matthew W. Stoker  
Execution Date(s): January 23, 2006  
Additional name(s) of conveying party(ies)  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Freescale Semiconductor, Inc.  
Internal Address: \_\_\_\_\_  
Street Address: 6501 Williams Cannon Drive West  
City: Austin  
State: TX  
Country: United States Zip: 78735  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance:**  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No. (s) \_\_\_\_\_  
B. Patent No. (s) \_\_\_\_\_  
Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Customer No. 50996  
Name: Vincent B. Ingrassia  
Ingrassia Fisher & Lorenz, P.C.  
Internal Address: \_\_\_\_\_  
Street Address: 7150 E. Camelback Rd., Ste. 325  
City: Scottsdale  
State: AZ Zip: 85251  
Phone Number: (480) 385-5060  
Fax Number: (480) 385-5061  
Email Address: contact@ifllaw.com

**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number 50-2091  
Authorized User Name \_\_\_\_\_

**9. Signature:**   
Signature  
Vincent B. Ingrassia Registration No.: 25,732  
Name of Person Signing

1/30/06  
Date

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

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## PATENT

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Chun-Li Liu, Mesa, ARIZONA; Marius K. Orlowski, Austin, TEXAS; Matthew W. Stoker, Mesa, ARIZONA**, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **FREESCALE SEMICONDUCTOR, INC.**, a corporation 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 **MOS DEVICE WITH MULTI-LAYER GATE STACK** (Docket No. **SC14418ZP**), 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 us 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.



Chun-Li Liu

DATE: 1/23/06

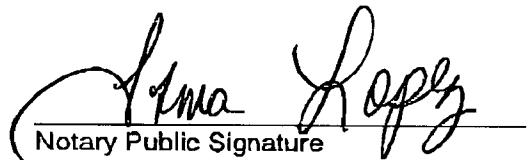
STATE OF ARIZONA )  
                                  )ss  
COUNTY OF MARICOPA )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Chun-Li Liu, 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 23 day of JAN, 2006.

My commission expires:



  
Notary Public Signature  
IRMA LOPEZ  
Printed Name of Notary Public

Marius K. Orlowski

DATE: January 23, 2006

Marius K. Orlowski

STATE OF TEXAS            )  
  )ss  
COUNTY OF TRANS        )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Marius K. Orlowski, 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 23 day of JAN., 2006.

My commission expires:

Matthew Schweitzer

Notary Public Signature

Matthew Schweitzer

Printed Name of Notary Public



Matthew W. Stoker  
Matthew W. Stoker

DATE: 1/23/2006

STATE OF ARIZONA             )  
  )ss  
COUNTY OF MARICOPA       )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Matthew W. Stoker, 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 23 day of JAN, 2006.

My commission expires:



Irma Lopez  
Notary Public Signature  
IRMA LOPEZ  
Printed Name of Notary Public