

09-01-2004

RECORDATION F
PATE!

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DOCKET NUMBER: SC13390TP

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document

1. Name of conveying party(ies): **82404**
 Marius K. Orlowski
 Vance H. Adams
 Chun-Li Liu
 Brian A. Winstead

2. Name and address of receiving party(ies)

Name: FREESCALE SEMICONDUCTOR, INC.Internal Address: Law DepartmentStreet Address: 6501 William Cannon Drive WestCity: AustinState: TXZip: 78735Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3 Name of conveyance:

☒

Assignment

☐

Merger

☐

Security Agreement

☐

Change of Name

☐

Other

Execution Date: June 4, 2004-Orlowski, Adams, Winstead; August 23, 2004Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: June 4, 2004-Orlowski, Adams, Winstead; June 14, 2004-Liu.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: FREESCALE SEMICONDUCTOR, INC.

Internal Address:

MD: TX32/PL02

Street Address:

7700 West Parmer LaneCity: AustinState: TexasZip: 787296. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$40.00☐

Enclosed

☒

Authorized to be charged to deposit account

8. Deposit account number: 503079, Freescale Semiconductor, Inc.

(Attach duplicate copy of this page if paying by deposit account.)

DO NOT USE THIS SPACE

9 Statement and signature.

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

Joanna G. Chiu

Name of Person Signing

Signature

8/24/04

Date

Total number of pages including cover sheet, attachments, and documents: 9

Mail documents to be recorded with required cover sheet information to:
 Mail Stop Patent Application, Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450

08/31/2004 6TOM11 00000077 503079 10924650

01 FC:8021 40.00 BA

SC13390TP

PATENT
 REEL: 015730 FRAME: 0755

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **MARIUS K. ORLOWSKI, AUSTIN, TEXAS; VANCE H. ADAMS, AUSTIN, TEXAS; CHUN-LI LIU, MESA, ARIZONA; and, BRIAN A. WINSTEAD, AUSTIN, TEXAS**, 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 **METHOD AND APPARATUS FOR PERFORMANCE ENHANCEMENT IN AN ASYMMETRICAL SEMICONDUCTOR DEVICE** (Docket No. **SC13390TP**), 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.

Marius Orłowski

MARIUS K. ORLOWSKI

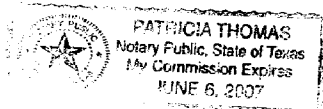
DATE: June 4, 2004

STATE OF Texas)
COUNTY OF WILLIAMSON)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Marius K. Orłowski, 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 4TH day of JUNE, 2004.

My commission expires:



Patricia Thomas
Notary Public Signature

PATRICIA THOMAS
Printed Name of Notary Public

Vance H Adams
VANCE H. ADAMS

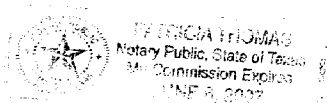
DATE: 6/4/2004

STATE OF Texas)
)
COUNTY OF WILLIAMSON)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Vance H. Adams, 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 4TH day of JUNE, 2004.

My commission expires:



Patricia Thomas
Notary Public Signature

PATRICIA THOMAS
Printed Name of Notary Public

CHUN-LI LIU

DATE: _____

STATE OF Arizona)
)
COUNTY OF WILLIAMSON)

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 ____ day of _____, 2004.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

Brian A. Winstead
BRIAN A. WINSTEAD

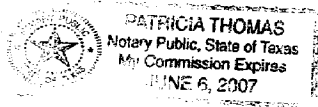
DATE: June 4, 2004

STATE OF Texas)
)
COUNTY OF WILLIAMSON)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Brian A. Winstead, 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 4TH day of JUNE, 2004.

My commission expires:



Patricia Thomas
Notary Public Signature
PATRICIA THOMAS
Printed Name of Notary Public

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **MARIUS K. ORLOWSKI, AUSTIN, TEXAS; VANCE H. ADAMS, AUSTIN, TEXAS; CHUN-LI LIU, MESA, ARIZONA; and, BRIAN A. WINSTEAD, AUSTIN, TEXAS**, 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 **METHOD AND APPARATUS FOR PERFORMANCE ENHANCEMENT IN AN ASYMMETRICAL SEMICONDUCTOR DEVICE** (Docket No. **SC13390TP**), 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.

DATE: _____

MARIUS K. ORLOWSKI

STATE OF Texas)
)
COUNTY OF WILLIAMSON)

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 ____ day of _____, 2004.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

VANCE H. ADAMS

DATE: _____

STATE OF Texas)
)
COUNTY OF WILLIAMSON)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Vance H. Adams, 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 _____, 2004.

My commission expires:

Notary Public Signature

Printed Name of Notary Public



CHUN-LI LIU

DATE: 8/23/04

STATE OF Arizona)
)
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 AUGUST, 2004.

My commission expires: 5/01/2006



Notary Public Signature

PABELLA

Printed Name of Notary Public

