

09-05-2007

FORM PTO-1585

08/23/2007 RECO

U.S. DEPARTMENT OF  
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Office

Atty. Docket #: WM10229TC/46-038



103441882

To the Honorable Commissioner of Patents

ed original documents or copy thereof.

## 1. Name of conveying party(ies):

- 1) **Weizhong Chen**  
2) **Leo G. Dehner**

Additional name(s) of conveying party(ies)  
attached?☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Name: Freescal Semiconductor, Inc.

Internal Address:

Street Address: 6501 William Cannon Dr.City: AustinState: TX  
te:ZIP: 78729

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 1) 8/23/07 2) 8/23/07Additional 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: 1) 8/23/07 2) 8/23/07

A. Patent Application No.(s):

B. Patent No.(s):

C. Attorney Docket Number: WM10229TC/46-038

Additional numbers attached?

☐ Yes ☒ No

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

Name: Charles W. BethardsInternal Address: Law Office Of  
Charles W. Bethards, LLPStreet Address: P.O. Box 1622City: Colleyville State: TX ZIP: 760346. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00☐ Enclosed☒ Authorized to be charged to credit card

## 8. Deposit account number:

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

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## 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.

Charles W. Bethards 36,453

Name of Person Signing

Reg. No.

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

OMB No. 0651-0011 (exp. 4/94)

Express Mail Label No. EM059678931US

PATENT

REEL: 019793 FRAME: 0506

8.23.07

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **WEIZHONG CHEN, AUSTIN, TEXAS and LEO G. DEHNER, 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 **PER-SURVIVOR BASED ADAPTIVE EQUALIZER** (Docket No. WM10229TC/46-038), 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.**

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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.

  
\_\_\_\_\_  
WEIZHONG CHEN

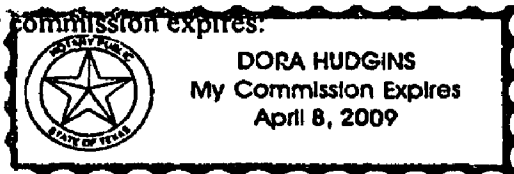
DATE: 8-23-07

STATE OF TEXAS                     )  
  )  
COUNTY OF Williamson        )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Weizhong Chen, 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<sup>rd</sup> day of August, 2007.

My commission expires:



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

DORA HUDGINS  
\_\_\_\_\_  
Printed Name of Notary Public

Leo G. Dehner  
LEO G. DEHNER

DATE: 8-23-07

STATE OF TEXAS )  
COUNTY OF Williamson )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Leo G. Dehner, 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<sup>rd</sup> day of August, 2007.

My commission expires:



Dora Hudgins  
Notary Public Signature

Dora Hudgins  
Printed Name of Notary Public