

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3526778

|                                                                                                                                                                                                 |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                 |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                     |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                |
|                                                                                                                                                                                                 |                                |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>          |
| STEPHEN R. HOOPER                                                                                                                                                                               | 09/10/2015                     |
| LEO M. HIGGINS III                                                                                                                                                                              | 09/14/2015                     |
| RAYMOND M. ROOP                                                                                                                                                                                 | 09/10/2015                     |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                |
| <b>Name:</b>                                                                                                                                                                                    | Freescal Semiconductor, Inc.   |
| <b>Street Address:</b>                                                                                                                                                                          | 6501 William Cannon Drive West |
| <b>Internal Address:</b>                                                                                                                                                                        | Law Department                 |
| <b>City:</b>                                                                                                                                                                                    | Austin                         |
| <b>State/Country:</b>                                                                                                                                                                           | TEXAS                          |
| <b>Postal Code:</b>                                                                                                                                                                             | 78735                          |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                |
|                                                                                                                                                                                                 |                                |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                  |
| <b>Application Number:</b>                                                                                                                                                                      | 14854265                       |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                |
| <b>Fax Number:</b>                                                                                                                                                                              | (512)895-6630                  |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                |
| <b>Phone:</b>                                                                                                                                                                                   | 512-895-6979                   |
| <b>Email:</b>                                                                                                                                                                                   | usadocketing@freescal.com      |
| <b>Correspondent Name:</b>                                                                                                                                                                      | FREESCALE SEMICONDUCTOR, INC.  |
| <b>Address Line 1:</b>                                                                                                                                                                          | 6501 WILLIAM CANNON DRIVE WEST |
| <b>Address Line 2:</b>                                                                                                                                                                          | TX30/OE62                      |
| <b>Address Line 4:</b>                                                                                                                                                                          | AUSTIN, TEXAS 78735            |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | MT13364ZK                      |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | SHANNON WILLIAMS               |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Shannon Williams/             |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 09/15/2015                     |
| <b>Total Attachments: 4</b>                                                                                                                                                                     |                                |
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## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **HOOPER, Stephen R., an individual; HIGGINS III, Leo M., an individual; and ROOP, Raymond M., an individual;** 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 SENSING FIELD EFFECT TRANSISTOR DEVICES AND METHOD OF THEIR MANUFACTURE (Docket No. MT13364ZK), 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.

MT13364ZK

**PATENT**  
**REEL: 036568 FRAME: 0391**

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.

Stephen R. Hooper  
HOOPER, Stephen R.

DATE: Sept 10, 2015

First Witness

Dwight Daniel  
SIGNATURE OF WITNESS

DATE: 09/10/2015  
(Month-Day-Year)

DWIGHT DANIEL  
PRINTED NAME OF WITNESS

2732 E AMBERWOOD DR PHOENIX, AZ 85048  
PRINTED ADDRESS OF WITNESS

Second Witness

Betty H. Yewng  
SIGNATURE OF WITNESS

DATE: 9/10/15  
(Month-Day-Year)

BETTY H. YEWNG  
PRINTED NAME OF WITNESS

4951 W. FLINT ST., CHANDLER, AZ 85226  
PRINTED ADDRESS OF WITNESS

MT13364ZK

*Luoli Higgins III*  
HIGGINS III, Led M

DATE: September 14, 2015

First Witness

*C. Foong*  
SIGNATURE OF WITNESS

DATE: September 14, 2015  
(Month-Day-Year)

Foong, Chee Seng  
PRINTED NAME OF WITNESS

7601 Rialto BLVD #2433 Austin, Texas 78735  
PRINTED ADDRESS OF WITNESS

Second Witness

*Jamal Fraser*  
SIGNATURE OF WITNESS

DATE: September 14, 2015  
(Month-Day-Year)

JAMAL FRASER  
PRINTED NAME OF WITNESS

216 AUBREYSIDE DR SAN MARCOS TX 78666  
PRINTED ADDRESS OF WITNESS

MT13364ZK

Raymond M. Roop  
ROOP, Raymond M.

DATE: September 10, 2015

First Witness

Andrew Oliver  
SIGNATURE OF WITNESS

DATE: 9/10/2015  
(Month-Day-Year)

ANDREW OLIVER  
PRINTED NAME OF WITNESS

2010 E IRIS DR. CHANDLER, AZ 85286  
PRINTED ADDRESS OF WITNESS

Second Witness

Tripti Regmi  
SIGNATURE OF WITNESS

DATE: 9/10/2015  
(Month-Day-Year)

Tripti Regmi  
PRINTED NAME OF WITNESS

7263 E. NOPAL Ave, Mesa, AZ 85209  
PRINTED ADDRESS OF WITNESS

MT13364ZK