502680682 02/14/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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| SUBMISSION TYPE: | | NEW ASSIGNMENT | NEW ASSIGNMENT | | | |
|---|----------------|--------------------------------|------------------|--|--|--|
| NATURE OF CONVEYANCE: | | ASSIGNMENT | ASSIGNMENT | | | |
| CONVEYING PARTY DATA | | | | | | |
| | | Name | Execution Date | | | |
| ROBERT MORAN | | | 02/11/2014 | | | |
| DEREK BEATTIE | | | 02/11/2014 | | | |
| RECEIVING PARTY DATA | | | | | | |
| Name: | Freescale Se | miconductor, Inc. | | | | |
| Street Address: | 6501 William | 6501 William Cannon Drive West | | | | |
| Internal Address: | Law Department | | | | | |
| City: | Austin | | | | | |
| State/Country: | TEXAS | | | | | |
| Postal Code: | 78735 | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | |
| Property Type | | Number | Number | | | |
| Application Number: 14180 | | 14180466 | 1466 | | | |
| CORRESPONDENCE DATA | | | | | | |
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| Correspondence will be sent via US Mail when the email attempt is unsuccessful. | | | | | | |
| Correspondent Name: LARSON NEWMAN, LLP Address Line 1: 8200 N. MOPAC EXPY. | | | | | | |
| Address Line 2: SUITE 280 | | | | | | |
| Address Line 4: | AUS | TIN, TEXAS 78759 | | | | |
| ATTORNEY DOCKET NUMBER: | | FS40469EH | FS40469EH | | | |
| NAME OF SUBMITTER: | | | J. GUSTAV LARSON | | | |
| NAME OF SUBMITTE | R: | J. GUSTAV LARSON | | | | |

PATENT 502680682 REEL: 032217 FRAME: 0763

| Date: | 02/14/2014 |
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| Total Attachments: 4 source=FS40469EH-US-20140211-signed Assignment#page1.tif source=FS40469EH-US-20140211-signed Assignment#page2.tif source=FS40469EH-US-20140211-signed Assignment#page3.tif source=FS40469EH-US-20140211-signed Assignment#page4.tif | |

PATENT REEL: 032217 FRAME: 0764

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Robert, MORAN, LARGS, UNITED KINGDOM and Derek, BEATTIE, GLASGOW, UNITED KINGDOM 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, 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 INTEGRATED CIRCUIT DEVICE (Docket No. FS40469EH), 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.

F\$40469EH

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.

FS40469EH

| Robol, leun | DATE: 02 - 11 - 2014 |
|---|--|
| Robert, MORAN | |
| First Witness | |
| SIGNATURE OF WITNESS | DATE: 02 - 11 - 2514 (Month-Day-Year) |
| FILIMO CIONI PRINTED NAME OF WITNESS | |
| 7 CAIRNGORM PLOW - 5x | ost virbling |
| PRINTED ADDRESS OF WITNESS | |
| | |
| Second Witness | |
| | |

| Second Witness | |
|--|----------------------------------|
| SIGNATURE OF WITNESS | DATE: 2-11-2014 (Month-Day-Year) |
| Jeffrey Loelger PRINTED NAME OF WITNESS | |
| 64 Colonsay drive - Newton Glarger, 677 6TY | , Mearns |
| PRINTED ADDRESS OF WITNESS | |

| Derek, BEATTIE | DATE: 02~(1-2014 |
|--|---|
| First Witness SIGNATURE OF WITNESS | DATE: <u>02 - 11 - 2-15</u> (Month-Day-Year) |
| FILIPPO CIONI PRINTED NAME OF WITNESS 7 CAIRNGORM PL EAST 675 96P | KILBRIDS |
| PRINTED ADDRESS OF WITNESS | |

| Second Witness |
|---|
| SIGNATURE OF WITNESS DATE: 2-11-2014 (Month-Day-Year) |
| Jeffrey Lochiger PRINTED NAME OF WITNESS |
| 64 Colonsas drive - Newton Mearns |
| Glargon, G77 GTY |
| PRINTED ADDRESS OF WITNESS |
| |

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