501985646 07/11/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Philip H. Bowles	07/09/2012
Paige M. Holm	06/29/2012
Stephen R. Hooper	07/09/2012
Raymond M. Roop	06/29/2012

RECEIVING PARTY DATA

Name:	Freescale Semiconductor, Inc.
Street Address:	6501 William Cannon Drive West
City:	Austin
State/Country:	TEXAS
Postal Code:	78735

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13546902

CORRESPONDENCE DATA

Fax Number: (602)274-6970 602-274-6996 Phone:

MG@PATENTMG.COM Email:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

MESCHKOW & GRESHAM, P.L.C. Correspondent Name: Address Line 1: 7250 NORTH SIXTEENTH STREET

SUITE 318 Address Line 2:

Address Line 4: PHOENIX, ARIZONA 85020-5279

ATTORNEY DOCKET NUMBER: 2324-900 NAME OF SUBMITTER: Lowell W. Gresham

REEL: 028532 FRAME: 0081

Total Attachments: 4

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PATENT REEL: 028532 FRAME: 0082

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Philip H. Bowles of 16432 N. Skyridge Lane, Fountain Hills, AZ 85268, USA, Paige M. Holm of 3714 E. Salinas Street, Phoenix, AZ 85044, USA, Stephen R. Hooper of 8729 E. Lakeview Avenue, Mesa, AZ 85209, USA, and Raymond M. Roop of 6302 E. Gold Dust Avenue, Scottsdale, AZ 85253, USA, 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 SENSOR PACKAGE AND METHOD OF FORMING SAME (Docket No. 2324-900), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the date 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.

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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.

THE TOWN	9	DATE:	Jan	04-	201	March 1
(PHILIP H, BOWLES)						
STATE OF Arizona)					
COUNTY OF Maricopa)					

The undersigned Notary Public in and for the County and State aforesaid does hereby certify that Philip H. Bowles, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed, and delivered the instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

88ay 8, 2015

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(PAIGEM. HOLM) STATE OF Arizona	DATE: <u>6/29/12</u>
COUNTY OF Maricopa)	
hereby certify that Paige M. Holm, whose name instrument, appeared before me this day in persealed, and delivered the instrument as her free and purposes therein set forth.	son and acknowledged that she signed, and voluntary act and deed for the uses
Given under my hand and notarial seal	this $\frac{39}{20}$ day of $\frac{JUNE}{20}$ 2012.
My commission expires: MAY8, 21/5	<u> Muyanu Busha</u> Notary Public Signature
	· · · · · · · · · · · · · · · · · · ·
Makeny Public - Arteura Mericopa County My Countries don Expires May 8, 2018	MARYANN BUSHA Printed Name of Notary Public
Stephen R. HOOPER)	DATE: July 9, 20/2
STATE OF Arizona	DATE: July 9, 20/2
	DATE: July 9, 20/2
STATE OF Arizona) COUNTY OF Maricopa) The undersigned Notary Public in and for the hereby certify that Stephen R. Hooper, whose not instrument, appeared before me this day in personal sealed, and delivered the instrument as his free and purposes therein set forth.	or the County and State aforesaid does ame is subscribed to the foregoing on and acknowledged that he signed, and voluntary act and deed for the uses
STATE OF Arizona) COUNTY OF Maricopa) The undersigned Notary Public in and for the hereby certify that Stephen R. Hooper, whose not instrument, appeared before me this day in personal sealed, and delivered the instrument as his free and purposes therein set forth.	or the County and State aforesaid does ame is subscribed to the foregoing on and acknowledged that he signed, and voluntary act and deed for the uses
STATE OF Arizona) COUNTY OF Maricopa) The undersigned Notary Public in and finereby certify that Stephen R. Hooper, whose notation instrument, appeared before me this day in personal and delivered the instrument as his free	or the County and State aforesaid does ame is subscribed to the foregoing on and acknowledged that he signed, and voluntary act and deed for the uses

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(RAYMOND M. ROOP)	DATE: 6/29/12
STATE OF Arizona)	
COUNTY OF Maricopa)	

The undersigned Notary Public in and for the County and State aforesaid does hereby certify that Raymond M. Roop, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed, and delivered the instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 29 day of JUNE 2012.

My commission expires: MA48, 2015

Langua Busha
Notary Public Signature

Massy Austral Superson

Massy Public Arizona
Massing Public Arizona
Massing Public County
My Commission Expires

My Commission Expires

May 8, 2015

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> PATENT REEL: 028532 FRAME: 0086

RECORDED: 07/11/2012