

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT3118705

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MANFRED THANNER	06/12/2012
CARL CULSHAW	10/19/2012
JUERGEN FRANK	06/12/2012
MICHAEL STAUDENMAIER	06/12/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FREESCALE SEMICONDUCTOR INC.
<b>Street Address:</b>	6501 WILLIAM CANNON DRIVE WEST
<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>	14402949
<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@FREESCALE.COM
<b>Correspondent Name:</b>	FREESCALE SEMICONDUCTOR, INC. LAW DEPART
<b>Address Line 1:</b>	6501 WILLIAM CANNON DRIVE WEST TX30/OE62
<b>Address Line 4:</b>	AUSTIN, TEXAS 78735
<b>ATTORNEY DOCKET NUMBER:</b>	AC50709EH
<b>NAME OF SUBMITTER:</b>	ROSEMARY HOFFERT
<b>SIGNATURE:</b>	/ROSEMARY HOFFERT/
<b>DATE SIGNED:</b>	11/21/2014
<b>Total Attachments: 10</b>	
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## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **THANNER MANFRED, NEUBIBERG, GERMANY, CULSHAW CARL, WIGAN-LANCASHIRE, UNITED KINGDOM, FRANK JUERGEN, MUNICH, GERMANY and STAUDENMAIER MICHAEL, MUNICH, GERMANY** 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 their 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 **BUILT-IN SELF TEST SYSTEM, SYSTEM ON A CHIP AND METHOD FOR CONTROLLING BUILT-IN SELF TESTS** (Docket No. AC50709EH), 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.** their 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.** their successors, assigns and legal representatives or nominees.

AC50709EH

We covenant with FREESCALE SEMICONDUCTOR, INC., their successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

  
\_\_\_\_\_  
THANNER MANFRED

DATE: 12. June 2012

<u>First Witness</u>	
<u>T. Uelle</u> SIGNATURE OF WITNESS	DATE: <u>06-12-2012</u> (Month-Day-Year)
<u>T. KUETHNLE</u> PRINTED NAME OF WITNESS	

<u>Second Witness</u>	
<u>W. Bihl</u> SIGNATURE OF WITNESS	DATE: <u>06-12-2012</u> (Month-Day-Year)
<u>W. BIHLNAYR</u> PRINTED NAME OF WITNESS	

..... DATE: .....

CULSHAW CARL

*First Witness*

..... DATE: .....

SIGNATURE OF WITNESS (Month-Day-Year)

.....

PRINTED NAME OF WITNESS

*Second Witness*

..... DATE: .....

SIGNATURE OF WITNESS (Month-Day-Year)

.....

PRINTED NAME OF WITNESS

Frank Juergen  
FRANK JUERGEN

DATE: 12.06.2012

First Witness

T. Kuehne  
SIGNATURE OF WITNESS

DATE: 06/12/2012  
(Month-Day-Year)

T. KUEHNLE  
PRINTED NAME OF WITNESS

Second Witness

W. Buhlmayr  
SIGNATURE OF WITNESS

DATE: 06-12-2012  
(Month-Day-Year)

W. BUHLMAYR  
PRINTED NAME OF WITNESS

Michael Staudenmaier  
STAUDENMAIER MICHAEL

DATE: 06/12/2012

First Witness

T. Kuehne  
SIGNATURE OF WITNESS

DATE: 06/12/2012  
(Month-Day-Year)

T. KUEHNE  
PRINTED NAME OF WITNESS

Second Witness

W. Bihl  
SIGNATURE OF WITNESS

DATE: 06-12-2012  
(Month-Day-Year)

W. BIHL  
PRINTED NAME OF WITNESS

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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.** their 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.** their successors, assigns and legal representatives or nominees.

AC50709EH



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\_\_\_\_\_  
THANNER MANFRED

DATE: \_\_\_\_\_

*First Witness*

\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: \_\_\_\_\_  
(Month-Day-Year)

\_\_\_\_\_  
PRINTED NAME OF WITNESS

*Second Witness*

\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: \_\_\_\_\_  
(Month-Day-Year)

\_\_\_\_\_  
PRINTED NAME OF WITNESS

C Culshaw  
CULSHAW CARL

DATE: 19/10/12

First Witness

[Signature]  
SIGNATURE OF WITNESS

DATE: 19/10/12.  
(Month-Day-Year)

S D/B JONES  
PRINTED NAME OF WITNESS

Second Witness

[Signature]  
SIGNATURE OF WITNESS

DATE: 19/10/12  
(Month-Day-Year)

B M ODERWOTT  
PRINTED NAME OF WITNESS

\_\_\_\_\_  
FRANK JUERGEN

DATE: \_\_\_\_\_

First Witness

\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: \_\_\_\_\_  
(Month-Day-Year)

\_\_\_\_\_  
PRINTED NAME OF WITNESS

Second Witness

\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: \_\_\_\_\_  
(Month-Day-Year)

\_\_\_\_\_  
PRINTED NAME OF WITNESS

\_\_\_\_\_  
STAUDENMAIER MICHAEL

DATE: \_\_\_\_\_

*First Witness*

\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: \_\_\_\_\_  
(Month-Day-Year)

\_\_\_\_\_  
PRINTED NAME OF WITNESS

*Second Witness*

\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: \_\_\_\_\_  
(Month-Day-Year)

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