

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3229660

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHANPREET SINGH	01/12/2015
KSHITIJ BAJAJ	01/12/2015
NAKUL GROVER	01/12/2015
MICHAEL A. STAUDENMAIER	01/12/2015
<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>	14624529
<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>	AM21153AM
<b>NAME OF SUBMITTER:</b>	ASVENI RAJENDRAN
<b>SIGNATURE:</b>	/ASVENI RAJENDRAN/
<b>DATE SIGNED:</b>	02/17/2015
<b>Total Attachments: 5</b>	
source=AM21153AM-US-20150112-ASSIGNMENT#page1.tif	
source=AM21153AM-US-20150112-ASSIGNMENT#page2.tif	
source=AM21153AM-US-20150112-ASSIGNMENT#page3.tif	

source=AM21153AM-US-20150112-ASSIGNMENT#page4.tif

source=AM21153AM-US-20150112-ASSIGNMENT#page5.tif

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **CHANPREET SINGH, KSHITIJ BAJAJ AND NAKUL GROVER, ALL OF INDIA, AND MICHAEL A. STAUDENMAIER OF 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, 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 DISPLAY CONTROLLER FOR DISPLAY PANEL (Docket No. AM21153AM), 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.

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.

  
\_\_\_\_\_  
CHANPREET SINGH

DATE: 1/12/2015

First Witness

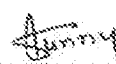
  
\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: 1/12/2015  
(Month-Day-Year)

ANICHA LADSARIA  
\_\_\_\_\_  
PRINTED NAME OF WITNESS

A-12, SECTOR 27, NOIDA  
\_\_\_\_\_  
PRINTED ADDRESS OF WITNESS

Second Witness

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

DATE: 1/12/2015  
(Month-Day-Year)

SUNNY AGGARWAL  
\_\_\_\_\_  
PRINTED NAME OF WITNESS

W-76 BHAGAT SINGH GALI WEST BAREILPUR SHALIDARA DELHI  
\_\_\_\_\_  
PRINTED ADDRESS OF WITNESS

Bojaj  
KSHITIJ BAJAJ

DATE: 1/12/2015

First Witness

Anisha Ladcaria  
SIGNATURE OF WITNESS

DATE: 1/12/2015  
(Month-Day-Year)

ANISHA LADCARIA  
PRINTED NAME OF WITNESS

A-12, SECTOR 29, NOIDA  
PRINTED ADDRESS OF WITNESS

Second Witness

Sunny  
SIGNATURE OF WITNESS

DATE: 1/12/2015  
(Month-Day-Year)

SUNNY AGGARWAL  
PRINTED NAME OF WITNESS

W-16 BHAGAT SINGH CAU WEST BARRAPUR SHAHNARA DELHI  
PRINTED ADDRESS OF WITNESS

Nakul  
NAKUL GROVER

DATE: 1/12/2015

First Witness

Anisha Ladaria  
SIGNATURE OF WITNESS

DATE: 1/12/2015  
(Month-Day-Year)

ANISHA LADARIA  
PRINTED NAME OF WITNESS

A-12, LECTUR 27, NOIDA  
PRINTED ADDRESS OF WITNESS

Second Witness

Sunny  
SIGNATURE OF WITNESS

DATE: 1/12/2015  
(Month-Day-Year)

SUNNY AGGARWAL  
PRINTED NAME OF WITNESS

W-76 BHAGAT SINGH GATE WEST BANGORUR SHANWARA DELHI  
PRINTED ADDRESS OF WITNESS

First Witness

M. Staudenmaier  
MICHAEL A. STAUDENMAIER

DATE: Jan-12-2015

First Witness

M. Thanner  
SIGNATURE OF WITNESS

DATE: Jan-12-2015  
(Month-Day-Year)

MARFRED THANNER  
PRINTED NAME OF WITNESS

Zillestr. 28, 85579 Neubiberg  
PRINTED ADDRESS OF WITNESS

Second Witness

Sr. Thann  
SIGNATURE OF WITNESS

DATE: Jan-12-2015  
(Month-Day-Year)

SHARATH SUBRAMANIYA NAIDU  
PRINTED NAME OF WITNESS

LILIENTHALSTRASSE 100, 85579 NEUBIBERG  
PRINTED ADDRESS OF WITNESS