PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3464223

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAMSUNG SEMICONDUCTOR, INC.	07/24/2015

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.	
Street Address:	129, SAMSUNG-RO	
Internal Address:	YEONGTONG-GU	
City:	SUWON-SI, GYEONGGI-DO	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	443-742	

PROPERTY NUMBERS Total: 9

Property Type	Number
Application Number:	29491624
Application Number:	29491627
Application Number:	29491630
Application Number:	29491632
Application Number:	29491636
Application Number:	29491638
Application Number:	29491640
Application Number:	29491642
Application Number:	29491645

CORRESPONDENCE DATA

Fax Number: (312)775-8100

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.

Phone: 3127758000

Email: mhmpto@mcandrews-ip.com

MCANDREWS HELD & MALLOY, LTD. Correspondent Name:

Address Line 1: 500 W. MADISON ST.

Address Line 2: 34TH FLOOR

Address Line 4: CHICAGO, ILLINOIS 60661

ATTORNEY DOCKET NUMBER: 28167US01

REEL: 036224 FRAME: 0564 503417589

PAIENI

NAME OF SUBMITTER:	CHRISTOPHER V. CARANI	
SIGNATURE:	/Christopher V. Carani/	
DATE SIGNED:	07/31/2015	
Total Attachments: 3		
source=SSI to Samsung#page1.tif		
source=SSI to Samsung#page2.tif		
source=SSI to Samsung#page3.tif		

PATENT REEL: 036224 FRAME: 0565

ASSIGNMENT

AS A BELOW NAMED ASSIGNOR, **Samsung Semiconductor**, **Inc.**, individually hereby declares that: IN CONSIDERATION of and according to the provisions of the agreement(s) between ASSIGNOR and ASSIGNEE regarding intellectual property ownership, and other good and valuable consideration, the receipt of which from ASSIGNEE is hereby acknowledged, ASSIGNOR does hereby sell, assign, and forever grant and convey unto:

ASSIGNEE: Samsung Electronics Co., Ltd.

ADDRESS: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742

Republic of Korea

Who is my ASSIGNEE, and to the successors and assigns of my ASSIGNEE, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the inventions listed on the attached **Schedule A**, and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, divisionals, designs, appeals, reissues, reexaminations, substitutions and any extensions thereof; said interest being the entire ownership of the patents when granted, to be held and enjoyed by said **Samsung Electronics Co., Ltd.**, my ASSIGNEE, its successors, assigns or other legal representatives, to the full end of the term, terms or any extension of renewal thereof, for which said patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND ASSIGNOR hereby covenants and agrees to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the ASSIGNEE, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, reexamination, in any amendment, extension or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said ASSIGNEE;

AND ASSIGNOR does hereby authorize and request the Commissioner of Patents and Trademarks to issue said patents for said inventions, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

AND ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said inventions and said Letters Patents and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto, and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said applications, said inventions and said Letters Patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Samsung Semiconductor, Inc.

IN WITNESS WHEREOF, I/we have set our hands and seals on the dates written beside my/our respective names:

ASSIGNOR:

Samsung Semiconductor, Inc.	
Signature:	Date: 07/24/2015
Name: HA Young wook	
Title:	
Witness Signature Tou	Date: 07/24/2015
Witness Signature Syn Pil Yoyn	, , , , , , , , , , , , , , , , , , , ,
Witness Name (Printed)	

Samsung Semiconductor, Inc.

PATENT REEL: 036224 FRAME: 0567

Schedule A

Appln. No.	Filing Date	Title	Atty. Docket
29/491,624	05/22/2014	Display Screen or Portion Thereof with Graphical User Interface	28167US01
29/491,627	05/22/2014	Display Screen or Portion Thereof with Graphical User Interface	28168US01
29/491,630	05/22/2014	Display Screen or Portion Thereof with Graphical User Interface	28169US01
29/491,632	05/22/2014	Display Screen or Portion Thereof with Graphical User Interface	28170US01
29/491,636	05/22/2014	Display Screen or Portion Thereof with Animated Graphical User Interface	28172US01
29/491,638	05/22/2014	Display Screen or Portion Thereof with Animated Graphical User Interface	28173US01
29/491,640	05/22/2014	Display Screen or Portion Thereof with Animated Graphical User Interface	28174US01
29/491,642	05/22/2014	Display Screen or Portion Thereof with Animated Graphical User Interface	28175US01
29/491,645	05/22/2014	Display Screen or Portion Thereof with Animated Graphical User Interface	28176US01

Samsung Semiconductor, Inc.

PATENT REEL: 036224 FRAME: 0568

RECORDED: 07/31/2015