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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BONG-GUN KIM	11/28/2013
YOUNG-GEUN LIM	11/28/2013
BEOM-SOO BAE	11/28/2013
HYUN-IL LEE	11/28/2013

RECEIVING PARTY DATA

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Postal Code:	443-742

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29460672

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NAME OF SUBMITTER:	KATHERINE HOWARD
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502630803 REEL: 031944 FRAME: 0573

Signature:	/katherine howard/
Date:	01/10/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=SMSG-194 FD-1789-Declaration&Assignment#page1.tif source=SMSG-194 FD-1789-Declaration&Assignment#page2.tif source=SMSG-194 FD-1789-Declaration&Assignment#page3.tif	

PATENT REEL: 031944 FRAME: 0574

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Little of Invent	ion: Keyboard
	As the below named inventor, I hereby declare that:
	This Declaration is directed to the attached application;
	The above-identified application was made or authorized to be made by me;
invention in th	I believe that I am the original inventor or an original joint inventor of a claimed above-identified application.
including the c	I have reviewed and understand the contents of the above-identified application, claims.
Office all info	I am aware of the duty to disclose to the United States Patent and Trademark rmation known to me to be material to patentability as defined in 37 C.F.R. § 1.56.
improvements	Whereas, the undersigned inventor(s) has/have made certain inventions, and discoveries (herein referred to as the "Invention") disclosed in the above-

Whereas, SAMSUNG ELECTRONICS CO., LTD., a corporation of the country of REPUBLIC OF KOREA, having a place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do. 443-742, Republic of Korea (herein referred to as the "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to the ASSIGNEE, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

identified patent application;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had

> PATENT REEL: 031944 FRAME: 0575

this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges his/her prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to the ASSIGNEE and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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