503883889 06/22/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3930538

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYEONG-GON LEE	06/21/2016
BUM-SOO KIM	05/20/2016
JUN-CHUL PARK	05/20/2016
YOON-KYUNG CHOI	05/20/2016
SAN-HO BYUN	05/20/2016
CHA-DONG KIM	05/20/2016
JIN-CHUL LEE	05/20/2016

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU, GYEONGGI-DO
City:	SUWON-SI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15189528

CORRESPONDENCE DATA

Fax Number: (202)293-7060

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: 202-293-7060

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Correspondent Name: SUGHRUE MION, PLLC

Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.

Address Line 2: SUITE 800

Address Line 4: WASHINGTON, D.C. 20037

ATTORNEY DOCKET NUMBER:	Q226165
NAME OF SUBMITTER:	CHRIS SOUTHCOTT
SIGNATURE:	/Chris Southcott/
DATE SIGNED:	06/22/2016

503883889 PATENT REEL: 038986 FRAME: 0494 This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

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PATENT REEL: 038986 FRAME: 0495

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM²

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the inv	ntion and as the declaration (37 CFR 1.63) for a Utility or Design Application.
WHER	S, the undersigned, hereinafter referred to collectively as Assignor, has invented:
Title:	TOUCH SCREEN CONTROLLER, TOUCH SENSING DEVICE, AND TOUCH SENSING METHOD
for wh	n Assignor is about to make or has made United States or International application
for pat	it,
WHERI	5, as a below named inventor(s), I/(we) hereby declare that:
Section	. Declaration
This de	aration is directed to:
	The attached U.S. non-provisional patent application, or
	U.S. non-provisional patent application number
	PCT international patent application number, filed on
The ab	re-identified application was made or authorized to be made by me (us).
	lieve that I am (we are) the original inventor (original joint inventors) of a claimed in the above-identified application.
	reby acknowledge that any willful false statement made in this declaration is le under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or
	n requires the use of an Application Data Sheet.
SEC Ret	o. IB-201506-035-1-USO Attorney Ref No. Q226165

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

PATENT™ REEL: 038986 FRAME: 0496 I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

Section II. Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

SAMSUNG ELECTRONICS CO., LTD.

having an address at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea (hereinafter designated as the Assignee), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part,

SEC Ref No.	/8-201506-035-1-U50	Attorney Ref No.	Q226165

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

divisional, renewal or substitute thereof, and as to letters patent any reissue, reexamination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of SUGHRUE MION, PLLC the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	Lee	Kyeong-gon	
			A
SIGNATURE	Kyrny Jon Coo	DATE	do[6, 6, 2]

SEC Ref No. 18-201506-035-1-USO Attorney Ref No. Q226165	SEC Ref No	602000 000 2 000	Attorney Ref No.	Q226165
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LEGAL NAME OF SECOND	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	Kim	Bum-soo	
, and the second			3
SIGNATURE	Bunsa Ki	DATE	2016. 5-20

LEGAL NAME OF THIRD	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	Park	Jun-chul	
SIGNATURE	Jundal Pork	DATE	50/6, +. 54

LEGAL NAME OF FOURTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	Choi	Yoon-kyung	
SIGNATURE	Yoon-Kung Chei	DATE	1.6/6.5.26

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FIFTH NVENTOR/ASSIGNOR	Byun	San-ho	
SIGNATURE	Janho Byun	DATE	20/6, 05, 20
LEGAL NAME OF	Family Name	First Given Name	Second Given Name
SIXTH INVENTOR/ASSIGNOR	Kim	Cha-dong	
LEGAL NAME OF	Chodry Kon	First Given Name	Second Given Name
LEGAL NAME OF SEVENTH		First Given Name	Second Given Name
inventor/assignor	Lee	2711	
SIGNATURE	Indul Lee	DATE	Zo16 05. 20

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RECORDED: 06/22/2016

Page 5 of 5

PATENT ***** REEL: 038986 FRAME: 0500