PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4928248

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIN BO SHIM	01/05/2018
JUNG-MOO HONG	01/05/2018
IN SEO KEE	01/05/2018
KYUNG SEOP KIM	01/05/2018
HYUN JAE NA	01/05/2018
SANG YOUN HAN	01/05/2018

RECEIVING PARTY DATA

Name:	SAMSUNG DISPLAY CO., LTD.	
Street Address:	1, SAMSUNG-RO, GIHEUNG-GU	
City:	YONGIN-SI, GYEONGGI-DO	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	17113	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15960122

CORRESPONDENCE DATA

Fax Number: (626)577-8800

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: 626-795-9900 Email: pto@lrrc.com

LEWIS ROCA ROTHGERBER CHRISTIE LLP **Correspondent Name:**

Address Line 1: PO BOX 29001

Address Line 4: GLENDALE, CALIFORNIA 91209-9001

ATTORNEY DOCKET NUMBER:	NEY DOCKET NUMBER: 150614/411598/JCM/CKS	
NAME OF SUBMITTER:	CHRISTINE SHERWOOD	
SIGNATURE:	/Christine Sherwood/	
DATE SIGNED: 04/23/2018		

Total Attachments: 3

PATENT REEL: 045614 FRAME: 0083

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PATENT REEL: 045614 FRAME: 0084

INVENTOR'S DECLARATION AND ASSIGNMENT PATENT FOR PATENT APPLICATION Title of Invention: TOUCH SENSOR AND DISPLAY DEVICE INCLUDING THE SAME Docket No.: 150614 Application No. INVENTOR'S DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to the attached application unless the following is checked: United States Application or PCT International Application Number filed on The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application. I have reviewed and understand the contents of the above-identified application, including the claims. acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I 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. **ASSIGNMENT** In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, (1) Jin Bo Shim, Jung-Moo Hong, In Seo Kee, Kyung Seop Kim, Hyun Jae Na, and Sang Youn Han HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO (2) SAMSUNG DISPLAY CO., LTD. having a place of business at (3) 1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 17113, Korea (hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled (4) TOUCH SENSOR AND DISPLAY DEVICE INCLUDING THE SAME 1 of 3

PANKOREA-LO-201706-063-1-US0

INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

which application was executed on even herewith or was	date (LEWIS ROCA ROTHGERBER CHRISTIE
(a) executed on (5a):	LLP, P.O. Box 29001, Glendale, CA 91209- 9001) is hereby authorized to insert in (b) the
(b) filed on (5b):	
Application No.:	
and all extensions, divisions, reissues, s	ents which may be granted on said application, and any ubstitutes, renewals or continuations of said application under all international conventions for the protection of aid improvements.
	at the Commissioner of Patents issue any and all of said SSIGNEE, its assigns or its successors in interest or its
designee.	
designee. Upon said consideration, it is further agreexpense of said ASSIGNEE, the unders renewal, and reissue patent application	reed that, when requested, without charge to but at the signed will execute all divisional, continuing, substitute, is; execute all rightful other papers; and generally do EE shall consider desirable for aiding in securing and
designee. Upon said consideration, it is further agreexpense of said ASSIGNEE, the understrenewal, and reissue patent application everything possible which said ASSIGN maintaining patent protection as provided	reed that, when requested, without charge to but at the signed will execute all divisional, continuing, substitute, is; execute all rightful other papers; and generally do EE shall consider desirable for aiding in securing and therein.
Upon said consideration, it is further agreexpense of said ASSIGNEE, the unders renewal, and reissue patent application everything possible which said ASSIGN	reed that, when requested, without charge to but at the signed will execute all divisional, continuing, substitute, is; execute all rightful other papers; and generally do EE shall consider desirable for aiding in securing and
designee. Upon said consideration, it is further agrexpense of said ASSIGNEE, the unders renewal, and reissue patent application everything possible which said ASSIGN maintaining patent protection as provided Jin Bo Shim Legal Name of Inventor	reed that, when requested, without charge to but at the signed will execute all divisional, continuing, substitute, as; execute all rightful other papers; and generally do IEE shall consider desirable for aiding in securing and distribution. \[\(\text{\tex{\tex
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designee. Upon said consideration, it is further agrexpense of said ASSIGNEE, the unders renewal, and reissue patent application everything possible which said ASSIGN maintaining patent protection as provided Jin Bo Shim Legal Name of Inventor Signature Jung-Moo Hong	reed that, when requested, without charge to but at the signed will execute all divisional, continuing, substitute, as; execute all rightful other papers; and generally do IEE shall consider desirable for aiding in securing and distribution. \[\(\text{\tex{\tex
designee. Upon said consideration, it is further agrexpense of said ASSIGNEE, the unders renewal, and reissue patent application everything possible which said ASSIGN maintaining patent protection as provided Jin Bo Shim Legal Name of Inventor	reed that, when requested, without charge to but at the signed will execute all divisional, continuing, substitute, as; execute all rightful other papers; and generally do IEE shall consider desirable for aiding in securing and therein. \[\sum_{OI 8} - oI - oS \] \[\sum_{Oate} \] \[\sum_{Oate} \]

INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Docket No.: 150614 Application No.:	
In Seo Kee	<u> → 0/8 - 0/ - 6</u> 5 Date
Legal Name of Inventor	Date
In Seo Kee	
Signature	
Kyung Seop Kim	Jan. 5, 20/8
Legal Name of Inventor	Date
Kynny Seop Kim	
Signáture 3	
Hyun Jae Na	2018-01-05
Legal Name of Inventor	Date
Hyun Jae Na	
Signature	
Sang Youn Han	2018-01-05
Legal Name of Inventor	Date
Sang Youn Han	
Signature	
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RECORDED: 04/23/2018