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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
NA-RAE SHIN	10/18/2016
JUN-HO SONG	10/18/2016
JI-YONG PARK	10/18/2016
KYOUNG-SUK YANG	10/18/2016
HEE-JUNG HWANG	10/18/2016
YOUNG-HUN JUNG	10/18/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15400334	

CORRESPONDENCE DATA

Fax Number: (703)757-7447

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: 7037577880

Email: pto@muirpatentlaw.com MUIR PATENT LAW, PLLC **Correspondent Name:**

Address Line 1: P.O. BOX 1213

Address Line 4: GREAT FALLS, VIRGINIA 22066

ATTORNEY DOCKET NUMBER:	SAM-54317
NAME OF SUBMITTER:	ALI M. IMAM
SIGNATURE:	/Ali M. Imam/
DATE SIGNED:	02/06/2017

Total Attachments: 5

PATENT REEL: 041182 FRAME: 0763

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PATENT REEL: 041182 FRAME: 0764

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM¹

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

Title:	FILM	TYPE SEMICONDUCTOR PACKAGE
for whice		gnor is about to make or has made United States or International application
WHERE	AS, as	a below named inventor(s), I/(we) hereby declare that:
Section	l. Dec	claration
This dec	laratio	on is directed to:
Parameter	\boxtimes	The attached U.S. non-provisional patent application, or
and the second s		U.S. non-provisional patent application number, filed on, or
		PCT international patent application number, filed on
The abo	ve-ide	entified application was made or authorized to be made by me (us).
		that I am (we are) the original inventor (original joint inventors) of a claimed ne above-identified application.
	٠.	acknowledge that any willful false statement made in this declaration is der 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or
		that I have reviewed and understand the contents of the above identified cluding the claims.
¹ This for	rm requ	uires the use of an Application Data Sheet.
SEC Ref	No	IE-201603-081-1-US0 Attorney Ref No. SAM-54317

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

Page 1 of 5

REEL: 041182 FRAME: 0765

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 16677, 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, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, 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

SEC Ref No.	IE-201603-081-1-US0	Attorney Ref No.	SAM-54317

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 Muir Patent Consulting, 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	Shin	Na-rae	
SIGNATURE	Ghan Norme	DATE	2016 . 10 . 18

LEGAL NAME OF SECOND	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	Song	Jun-ho	
SIGNATURE	Jong Junha	DATE	2016 : 10 : (8

SEC Ref No.	IE-201603-081-1-US0	Attorney Ref No.	SAM-54317

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	Family Name Park	First Given Name Ji-yong	Second Given Name
·	Park Jir Yong	DATE	30/6,/0.16

LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	Yang	Kyoung-suk	
		DATE	

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FIFTH INVENTOR/ASSIGNOR	Hwang	Hee-jung	
richia Tilbr (Hoons Hee-Jung	DATE	9616 . 10 . 18

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SEC Ref No.	IE-201603-081-1-US0	Attorney Ref No.	

SAMSUNG ELECTRONICS CO., LTD.

LEGAL NAME OF SIXTH INVENTOR/ASSIGNOR	Family Name Jung	First Given Name Young-hun	Second Given Name
SIGNATURE	Yeary - Han Josep	DATE	<u>/6. /0./8</u>

SEC Ref No. IE-201603-081-1-US0 Attorney Ref No. SAM-54317

RECORDED: 02/06/2017

Page 5 of 5 REEL: 041182 FRAME: 0769