505734462 10/22/2019

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5781275

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHUL WOO KIM	09/05/2019
SANG MIN YONG	09/05/2019
YANG GYOO JUNG	09/05/2019

RECEIVING PARTY DATA

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State/Country:	KOREA, REPUBLIC OF
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16583335

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ATTORNEY DOCKET NUMBER:	SAM-57317
NAME OF SUBMITTER:	BRADLEY EDELMAN, REG. NO. 57648
SIGNATURE:	/Bradley Edelman/
DATE SIGNED:	10/22/2019

Total Attachments: 4

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PATENT 505734462 REEL: 050788 FRAME: 0900

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM¹ FOR MORE THAN ONE ASSIGNEE

The undersigned acknowledge 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 inventors have invented:

Title:	SEMI	CONDUCTOR PACKAGE		
		ntors are about to make or have patent.	made United States or	International
WHERE	EAS, as	a below named inventor(s), I/(we) hereby declare that:	
Section	ıl. De	laration		
This de	claration	in is directed to:		
	\boxtimes	The attached U.S. non-provision	al patent application, o	or in the contract of the cont
		U.S. non-provisional patent appl on, c		, filed
		PCT international patent applica-	tion number	, filed on
(we) b invention	elieve on in th	ntified application was made or a that I am (we are) the original inv e above-identified application. ocknowledge that any willful false der 18 U.S.C. 1001 by fine or impi	entor (original)oint inv	rentors) of a claimed is declaration is
both.			isoment of not more	man nee (3) years, or
¹ This fo		res the use of an Application Data Shee	t.	
SEC Re	f No.	H-201812-007-1-US0	Attorney Ref No.	SAM-57317

PATENT REEL: 050788 FRAME: 0901 I (we) hereby state that I (we) have reviewed and understand the contents of the above identified application, including the claims.

I (we) acknowledge that I am (we are) 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-

SEC Ref No.	II-201812-007-1-US0	Attorney Ref No.	SAM-57317

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

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

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 Law, 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)

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KIM	Chul Woo	
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A.~	DATE	49.9/F
	KIM A~	

SEC Ref No.	II-201812-007-1-US0	Attorney Ref No.	SAM-57317

LEGAL NAME OF SECOND	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	YONG	Sang Min	
SIGNATURE	<u>S9,</u>	DATE	2019. 3.5

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
NVENTOR/ASSIGNOR	JUNG	Yang Gyoo	
CIGMATINE	26 05 27	DATE	2019, 9.6

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SEC Ref No.	H-201812-007-1-US0	Attorney Ref No.	SAM-57317	

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