08/12/2020 506199824

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEUNGHUN CHAE	05/04/2020
YOUNGKWAN SEO	05/04/2020
JAEEAN LEE	05/12/2020
SOYEON MOON	05/12/2020
HYEYEONG JO	05/07/2020
ILJONG SEO	05/15/2020

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:	16991306

CORRESPONDENCE DATA

Fax Number: (703)207-0003

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 2: SUITE 500

Address Line 4: FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER:	285/1183_00
NAME OF SUBMITTER:	EUGENE M. LEE
SIGNATURE:	/Eugene M. Lee/
DATE SIGNED:	08/12/2020

Total Attachments: 5 source=Combined_Decl_and_Assignment#page1.tif source=Combined_Decl_and_Assignment#page2.tif source=Combined_Decl_and_Assignment#page3.tif source=Combined_Decl_and_Assignment#page4.tif source=Combined_Decl_and_Assignment#page5.tif

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM $^{\rm I}$

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:

7		*	MANUFACTURING THE
for which Ass patent.	ignor is about to make or ha	s made United States or Ir	nternational application for
WHEREAS, a	s a below named inventor(s), I/(we) hereby declare th	at:
Section I. De	claration		
This declaration following is m	on is directed to the attached narked:	U.S. non-provisional pate	ent application, unless the
	U.S. non-provisional paten	t application number	filed on
	PCT international patent a	pplication number	, filed on
	as amended by the Preli	iminary Amendment attac iminary Amendment filed	
Markana ida			
	entified application was mad		
	that I am (we are) the origin te above-identified application	, 2,	inventors) of a clauned
	acknowledge that any willfu C. 1001 by fine or imprison		this declaration is punishable (5) years, or both.
	that I have reviewed and un- cluding the claims (as amen		
	e that I am aware of the duty s defined in 37 CFR § 1.56.	to disclose information w	hich is material to
This form requ	rires the use of an Application Da	ta Sheet.	
SEC Ref No.	H-201908-042-1-US0	Attorney Ref No	285/1183_00
COMBIN	ED DECLARATION (37 CFR ASS	: 1.63) FOR UTILITY PATE	ENT APPLICATION AND

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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.	II-201908-042-1-US0	Attorney Ref No.	285/1183 00

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

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RECORDED: 08/12/2020