PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

NEW ASSIGNMENT

EPAS ID: PAT6732759

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUNGGIL KIM	05/04/2021
JINHYUK KIM	05/04/2021
JUNG-HWAN KIM	05/04/2021

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:	17331951

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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Correspondent Name: LEE IP LAW, P.C.

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Address Line 2: SUITE 500

Address Line 4: FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER:	239/1326_00
NAME OF SUBMITTER:	EUGENE M. LEE
SIGNATURE:	/Eugene M. Lee/
DATE SIGNED:	05/27/2021

Total Attachments: 4

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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:

patent.	signor is about to make or has made United States or	International application
WHEREAS,	as a below named inventor(s), I/(we) hereby declare t	hat:
Section I. D	eclaration	
This declarat following is a	ion is directed to the attached U.S. non-provisional pa narked:	itent application, unless th
	U.S. non-provisional patent application number, or	filed on
	PCT international patent application number	, filed on
	as amended by the Preliminary Amendment atta	ched hereto.
	as amended by the Preliminary Amendment file	d on,
The above-id	entified application was made or authorized to be ma	de by me (us).
	that I am (we are) the original inventor (original joir he above-identified application.	it inventors) of a claimed
	acknowledge that any willful false statement made in C. 1001 by fine or imprisonment of not more than fiv	300000000000000000000000000000000000000
	that I have reviewed and understand the contents of a actuding the claims (as amended by any amendment a	
	e that I am aware of the duty to disclose information as defined in 37 CFR § 1.56.	which is material to
1 This form rec	uires the use of an Application Data Sheet.	

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. 1E-202006-020-1-US0 Attorney Ref No. 239/1326_00

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

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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 LEE IP LAW, P.C. 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
FIRST INVENTOR/ASSIGNOR	KIM	Sunggil	
aditt kaava	Kim Sung Gil) nate	204-05-04
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JAL NAME OF	Family Name	First Given Name	Second Given Name
SECOND NTOR/ASSIGNOR	KIM	Jinhyak	
		<u></u>	<u> </u>
SIGNATURE	Kim Jin houk		2021-4-06

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SAMSUNG ELECTRONICS CO., LTD.

**********	LEGAL NAME OF THIRD	Family Name	First Given Name	Second Given Name
	INVENTOR/ASSIGNOR	KIM	Jung-Hwan	
(management)				
Company of the Compan		mell		
· · · · · · · · · · · · · · · · · · ·	SIGNATURE _	- mary	_ DATE	21, 05, 64
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SEC Ref No. 1E-202006-020-1-US0 Attorney Ref No. 239/1326_00

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RECORDED: 05/27/2021