506175906 07/28/2020

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6222644

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SOMPONG PAUL OLARIG	03/13/2017
FRED WORLEY	03/13/2017
SON PHAM	03/13/2017

#### **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:	443-742

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16941257

#### CORRESPONDENCE DATA

Fax Number: (408)638-0326

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: 408-331-1670

Email: rlong@innovationcounsel.com INNOVATION COUNSEL LLP **Correspondent Name:** 

Address Line 1: 2890 ZANKER ROAD

Address Line 2: SUITE 200

Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER:	SSIM00037-2C US
NAME OF SUBMITTER:	HANBUM CHO
SIGNATURE:	/Hanbum Cho/
DATE SIGNED:	07/28/2020

#### **Total Attachments: 4**

source=20200728\_SSIM00037-2CUS\_DA\_EF#page1.tif source=20200728 SSIM00037-2CUS DA EF#page2.tif source=20200728 SSIM00037-2CUS DA EF#page3.tif

> **PATENT REEL: 053332 FRAME: 0983**

506175906

 $source = 20200728\_SSIM00037-2CUS\_DA\_EF\#page4.tif$ 

PATENT REEL: 053332 FRAME: 0984

# COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY OR DESIGN PATENT APPLICATION AND ASSIGNMENT FORM<sup>1</sup>

	_	ed acknowledges that this docume as the declaration (37 CFR 1.63) fo	_	_
		undersigned, hereinafter referred		•
Title:		EM ARCHITECTURE FOR SUPPORT		
for which	n Assię	gnor is about to make or has made	United States or Inter	national application for
WHEREA	S, as a	a below named inventor(s), I/(we)	hereby declare that:	
Section I	. Dec	laration		
This decl	aratio	n is directed to:		
	$\leq$	The attached U.S. non-provisiona	l patent application, o	r
		U.S. non-provisional patent applic	ation number	filed on
		PCT international patent applicati	on number	filed on
The abov	ve-ide	ntified application was made or au	ithorized to be made b	oy me (us).
		hat I am (we are) the original inve e above-identified application.	ntor (original joint inv	entors) of a claimed
<sup>1</sup> This forr	m requ	res the use of an Application Data Sheet		
SEC Ref	No.	WB-201612-013-1	Attorney Ref No.	SSIM00037 US
COMBI	NED DI	ECLARATION (37 CFR 1.63) FOR UTILITY Page:		AND ASSIGNMENT FORM

PATENT REEL: 053332 FRAME: 0985 I (we) hereby 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.

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

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 and according to the provisions of the Assignor's employment agreement(s), the undersigned hereby sell(s) and assign(s) to

Samsung Electronics Co., Ltd.

Reference de la complexión de la complexión

having an address at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, 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 or design 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 or designs as described in the aforesaid application, to the aforesaid application itself, and to U.S. Patent Application No. 15/403,088 and U.S. Provisional Patent Application Nos. 62/366,622, 62/420,355, and 62/450,436 to which the aforesaid application claims priority, and to all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application or provisional, 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

		**************************************		
SEC Ref No. WB-201612	-013-1	Attorney Ref No.	CCTR // AAAA TT	<b>O</b>
JEC NEIMU: YYD=ZUIDIZ		ATTOTORY RATING		
		ALLOHIU TICE INC.	SSIM00037 U	S

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
Page 2 of 4

SAMSUNG ELECTRONICS CO., LTD.

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

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 **Innovation Counsel LLP** 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.

SEC Ref No. WB-201612-013-1 Attorney Ref No. SSIM00037 US

## Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF FIRST	Family Name	First Given Name	Second Given Name	
NVENTOR/ASSIGNOR	Olarig	Sompong	Paul	
NVENTUR/ASSIGNOR		compone	rau	
	The state of the s			

LEGAL NAME OF SECOND	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	Worley	Fred	
		7	
SIGNATURE	Fully	DATE	3/13/17

LEGAL NAME OF THIRD	Family Name	First Given Name	Second Given Name
NVENTOR/ASSIGNOR	Pham Son		
•			
SIGNATURE	~~~	DATE	03/13/2017

SEC Ref No			
SEC Ref No.	WB-201612-01	Attornev Ref N	0037 US

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM Page 4 of 4

PATENT REEL: 053332 FRAME: 0988

**RECORDED: 07/28/2020**