506204815 08/14/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAE HEE BAE	08/10/2020
BO SUNG KIM	08/06/2020
JUN HUN PARK	08/06/2020
JI HONG YUK	08/06/2020
SUNG WOO HAN	08/06/2020
JI HOON CHOI	08/06/2020

RECEIVING PARTY DATA

Name:	SILICON WORKS CO., LTD.
Street Address:	222, TECHNO 2-RO, YUSEONG-GU
City:	DAEJEON
State/Country:	KOREA, REPUBLIC OF
Postal Code:	34027

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16993783

CORRESPONDENCE DATA

Fax Number: (314)726-7501

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kslefile@hdp.com, crallo@hdp.com Email: HARNESS, DICKEY & PIERCE, PLC **Correspondent Name:** Address Line 1: 7700 BONHOMME AVE, SUITE 400

Address Line 4: ST. LOUIS, MISSOURI 63105

ATTORNEY DOCKET NUMBER:	15366-000019-US
NAME OF SUBMITTER:	KISUK LEE
SIGNATURE:	/Kisuk Lee/
DATE SIGNED:	08/14/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 053501 FRAME: 0471

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Total Attachments: 8 source=000019us_Declaration_Assignment#page1.tif source=000019us_Declaration_Assignment#page2.tif source=000019us_Declaration_Assignment#page3.tif source=000019us_Declaration_Assignment#page4.tif source=000019us_Declaration_Assignment#page5.tif source=000019us_Declaration_Assignment#page6.tif source=000019us_Declaration_Assignment#page7.tif source=000019us_Declaration_Assignment#page8.tif

PATENT REEL: 053501 FRAME: 0472

Attorney Docket No. 15366-000019-US

DECLARATION AND ASSIGNMENT¹

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 entitled:

CONTROLLER AND DISPLAY DEVICE INCLUDING THE SAME

As a below named inventor, I hereby declare that:

This declaration is dir	ected to (check one):
\boxtimes	The attached application, or
	United States application or PCT international application number
	filed on .

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I hereby acknowledge that any willful false statement made in this Declaration and Assignment 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.

For good and valuable consideration, the receipt and adequacy whereof I hereby acknowledge, I hereby confirm any prior assignment to SILICON WORKS CO., LTD., 222, Techno 2-ro, Yuseong-gu, Daejeon, 34027, Republic of Korea (hereinafter "Assignee"), and to the extent that I have not already done so, agree to assign, and hereby do, sell, assign and transfer unto Assignees 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 above-identified application, to the above-identified application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly

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¹ This form requires an ADS if one has not yet been filed.

Attorney Docket No. 15366-000019-US

DECLARATION AND ASSIGNMENT

from the above-identified 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

Assignees 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 me 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.

I hereby covenant and agree 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, any

derivation proceedings relating thereto, and as to Letters Patent any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review,

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 Assignees without further or other compensation than that above

set forth.

I hereby covenant that I have not made and will not make any assignment, sale, license,

agreement or encumbrance which would conflict with this Declaration and Assignment.

I hereby request the United States Patent and Trademark Office to issue the Letters Patent of the

United States of America to Assignees, and request 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 Assignees.

I hereby grant the law firm of Harness, Dickey & Pierce, P.L.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.

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PATENT REEL: 053501 FRAME: 0474

Dae Hee BAE	Witness	
2020,08,10		
Dated	Witness	

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-25		
Bo Sung KIM	Witness	
2020 . f. 6		
Dated	Witness	

Jun-hun Park		
Jun Hun PARK	Witness	
2020 - UB . O6		
Dated	Witness	

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DECLARATION AND ASSIGNMENT Ji Hong YUK Witness Dated Witness

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H.		
Sung Woo HAN	Witness	
7020, of 06		
Dated	Witness	

Ji Hoon CHOI	Witness	
2020.08.06.		
Dated	Witness	

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