506567221 03/22/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6614000

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAEHEE LEE	02/04/2021
JIHYE KIM	02/04/2021
SAHNG-GYU PARK	01/26/2021
SEUNGHOON HAN	03/18/2021

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:	17278471

CORRESPONDENCE DATA

Fax Number:

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: 202-293-0804

Email: usdocketing@jeffersonip.com
Correspondent Name: JEFFERSON IP LAW, LLP

Address Line 1: 1130 CONNECTICUT AVE., NW, SUITE 420

Address Line 4: WASHINGTON, D.C. 20036

ATTORNEY DOCKET NUMBER:	0503-0517
NAME OF SUBMITTER:	GREGORY L. CLINTON
SIGNATURE:	/Gregory L. CLINTON/
DATE SIGNED:	03/22/2021

Total Attachments: 13

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PATENT 506567221 REEL: 055670 FRAME: 0531

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RECORDATION FORM COVER SHEET		
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Pleas	se record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
1) Taehee LEE, 2) Jihye KIM, 3) Sahng-Gyu PARK, and 4) Seunghoon HAN	Name: Samsung Electronics Co., Ltd.	
, Joseph St. Communication of the state of t	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes Vo		
3. Nature of conveyance/Execution Date(s):	Street Address: 129, Samsung-ro, Yeongtong-gu	
Execution Date(s) January 26, February 4, & March 18, 2021		
Assignment Merger		
Security Agreement Change of Name	City: Suwon-si, Gyeonggi-do	
Joint Research Agreement	State:	
Government Interest Assignment		
Executive Order 9424, Confirmatory License	Country: Republic of Korea Zip: 16677	
Other	Additional name(s) & address(es) attached? Yes Vo	
Additional numbers att	tached? Yes No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: One	
Name: Jefferson IP Law, LLP		
Internal Address: Gregory L. CLINTON	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
Milemai Address, Gregory L. GLINTON	Authorized to be charged by credit card Authorized to be charged to deposit account	
Ct. 1 Address viss a visual Nilli City vis	Enclosed	
Street Address: 1130 Connecticut Ave., NW, Suite 420	None required (government interest not affecting title)	
	8. Payment Information	
City: Washington	a. Credit Card Last 4 Numbers	
State: District of Columbia Zip:20036	Expiration Date	
Phone Number: 202-293-0804	b. Deposit Account Number	
Fax Number: 202-403-3587		
Email Address: usdocketing@jeffersonip.com	Authorized User Name	
9. Signature: /Gregory L. CLINTON/ Reg. #	#59,134 March 22, 2021	
Signature	Date	
Gregory L. CLINTON Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

REEL: 055670 FRAME: 0533

SAMSUNG REF.: ML-201804-012-1-US0

Assignment

WHEREAS, the following inventors, namely 1) Tachee LEE, 2) Jihye KIM, 3) Sahng-Gyu PARK, and 4) Seunghoon HAN (hereinafter called "Assignors"), having made or discovered certain new, useful and non-obvious improvements in an invention having a working title of:

ELECTRONIC DEVICE, AND METHOD FOR CONTROLLING SAME,

for which a United States Patent Application is being filed concurrently herewith or, if not being concurrently filed, was filed on <u>March 22, 2021</u>, and assigned Serial No. 17/278,471; and,

WHEREAS, Samsung Electronics Co., Ltd., a corporation duly organized under the laws of the Republic of Korea, located and doing business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, 16677 (hereinafter called "Assignee"), is desirous of acquiring the entire right, title and interest therein;

NOW, THEREFORE, BE IT KNOWN that for and in good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors do hereby sell, assign and transfer unto said Assignee the entire and exclusive worldwide right, title and interest in and to all said inventions and discoveries disclosed in said application, and in and to said application, any and all substitutions, divisions, provisionals, conversions of provisionals and continuations thereof, and in and to all Letters Patent, United States and all other foreign countries, that may be granted for said inventions and discoveries, and in and to all extensions, renewals and reissues thereof; and the right to file any other foreign country application and/or claim priority under the provisions of any international treaty or convention arising from this application or any divisional, continuing, substitute or reissue application therefrom. The aforesaid assignment includes the right in and to all income, royalties, damages and payments, now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignors if this sale, assignment and transfer had not been made.

Assignors covenant and agree, without further compensation to said Assignors but at Assignee's expense:

- a. to execute:
 - all papers to be used in connection with this application and any divisional, continuing, substitute or reissue application thereof, as the Assignee may deem necessary or expedient, and
 - ii. all papers in connection with any interference, litigation, mediation, arbitration or other proceeding relating to this application or any divisional, continuing, substitute or reissue application thereof, as may be necessary or expedient;
- b. to cooperate with the Assignee in every way possible in obtaining evidence and going forward in any interference, litigation, mediation, arbitration or other

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- proceeding relating to said invention, said application and any divisional, continuing, substitute or reissue application thereof;
- c. to communicate to the Assignee any facts relating to said invention, said application and any divisional, continuing, substitute or reissue application thereof, including evidence for any interference, litigation, mediation, arbitration or other proceeding relating to said invention, whenever requested;
- d. to testify in any interference, litigation, mediation, arbitration or other proceeding relating to said invention, said application and any divisional, continuing, substitute or reissue application thereof whenever requested; and
- e. to perform all other affirmative acts which may be necessary or desirable to secure full and complete protection of the inventions and discoveries or that may be necessary or desirable to vest in Assignee the complete title to the inventions and discoveries and Letters Patent hereby conveyed and to enable Assignee to record title.

Assignors hereby authorize and request the United States Patent and Trademark Office or any other issuing authority to issue any and all Letters Patent that may be granted upon this invention and/or this application or any divisional, continuing, substitute or reissue application thereof to the Assignee, its legal representatives, successors and assigns.

Assignors each hereby represents, covenants and warrants that he or she has the full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

The provisions of this Assignment are binding upon Assignors' heirs, legal representatives and/or administrators and assigns.

SAMSUNG REF.: ML-201804-012-1-US0

Signature of Inventor:	4	04/02/21
	Tackee LEE	Date
Signature of Inventor:		
	Jihye KIM	Date
Signature of Inventor:		
	Sanggyu PARK	Date
Signature of Inventor:		
	Seunghoon HAN	Date

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Signature of Inventor:	Taehee LEE	Date
Signature of Inventor:	Jihye KIM	
Signature of Inventor:	Sanoova PARK	 Date
Signature of Inventor:	Sanggyu PARK	Date

Seunghoon HAN

☼ DOCKET NO.: 0503-0517

CLIENT REF.: OEC/11809/US

SAMSUNG REF.: ML-201804-012-1-US0

Date

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Signature of Inventor:		
	Tachee LEE	Date
Signature of Inventor:		
	Jibye KIM	Date
Signature of Inventor:	On/4/4	Jan 26,2021
	Sahng-Gyu PARK	Date
Signature of Inventor:		
	Seunghoon HAN	Date

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Signature of Inventor:		
	Tacher LEE	Daté
Signature of Inventor:		
	Jibye KIM	Date
Signature of Inventor:		
	Sanggyu PARK	Date
Signature of Inventor:	John Han	March 18, 200
	Seunghoon HAN	Date