#### 11/22/2021 506989937

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

EPAS ID: PAT7036776

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

### **CONVEYING PARTY DATA**

Name	Execution Date
EUICHANG JUNG	10/21/2021
SUHA YOON	10/21/2021
HOONDONG NOH	10/25/2021
JEONGHO YEO	11/04/2021

### **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:	17611439

## CORRESPONDENCE DATA

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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: 5162283565

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**Correspondent Name:** PAUL J. FARRELL

290 BROADHOLLOW ROAD Address Line 1:

SUITE 210 E Address Line 2:

Address Line 4: MELVILLE, NEW YORK 11747

ATTORNEY DOCKET NUMBER:	1398-1447 PCT US
NAME OF SUBMITTER:	PAUL J. FARRELL
SIGNATURE:	/PJF/
DATE SIGNED:	11/22/2021

**Total Attachments: 6** 

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> **PATENT REEL: 058179 FRAME: 0982** 506989937



PATENT REEL: 058179 FRAME: 0983

#### ASSIGNMENT

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASS/GNEE: Samsung Electronics Co., Ltd.

ADDRESS: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea

Who is my Assignee, and to the successes and assigne of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

# TITLE: CONTROL INFORMATION THANSMISSION METHOD AND DEVICE IN WIRELESS COMMUNICATION SYSTEM

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 1398-1447 PCT US, or is more particularly identified as:

Х	executed on even date herewith, or	44 - 40 - 40 - 40
O	Serial No. 17/611439 filed in the U.S. Patent & Trademark Office of	n 11/15/2021
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and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said SAMSUNG ELECTRONICS CO., LTD., my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made:

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request Paul J. Farrell, Reg. No. 33,494, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Page 1 of 2

And I further covenant that ASSIGNEE will, upon its request, be provided pramptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOB and will testify as to the same in any interference, lingation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for obtain, maintain, issue and entirce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

INVENTOR(S)	Date Signed	Witness(es)
() Eulchang JUNG	(Sea) <u>21 , Ct 3</u>	24 Joekyung 50N
) <u>(</u> 3	(Seal) 21.00.752	Jaekyjung 50N
Suha YQQN		
3}	(Seal)	
Hoondong NOH		
<b>2</b> }	(Seal)	
Jacongho YEO		

Page 2 of 2

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ASSIGNEE: Samsung Electronics Co., Ltd.

ADDRESS: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea

Who is my Assignee, and to the successes and assigne of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

# TITLE: CONTROL INFORMATION THANSMISSION METHOD AND DEVICE IN WIRELESS COMMUNICATION SYSTEM

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 1398-1447 PCT US, or is more particularly identified as:

	executed on even date her					
0	Serial No.17/611439	iled in the U.S.	Patent & 1	Trademark	Office on	11/15/2021
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and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said SAMSUNG ELECTRONICS CO., LTD., my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made:

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

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Page 1 of 2

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IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

	INVENTOR(S)		Date Signed		Witness(es)		
1)		(Seal)					
	Eulchang JUNG						
2)		(Seal)					
	Suha YOON						
	/	(Fami)	04 254	2011	<u> Joekpung</u>	\$00	
3)	Hoordong NOH	(Sea)	200				
4)		(Seal)					
	lenanho YEO						

Page 2 Page 2 of 2

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invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 1398-1447 PCT US, or is more particularly identified as:

K	executed on even date h	erewith, or			
0	Serial No.17/611439	filed in the U.S.	Patent & Tr	ademark Office	on <u>11/15/202</u> <b>b</b>
7	executed on				

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said SAMSUNG ELECTRONICS CO., LTD., my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made:

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

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IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

	INVENTOR(S)	<u>Date Signed</u>	Witness(es)
1)	Eulchang JUNG	(Seal)	
2)	Suha YOON	(Seal)	
3)	Hoondong NOH	(Seal)	
4)	Jeonatio YEO	(Seal) (DV 4.20)	Joekyung SON

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