

**PCT REQUEST**

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<b>0</b>	<b>For receiving Office use only</b>	
0-1	International Application No.	<b>PCT/KR2020/005730</b>
0-2	International Filing Date	<b>29 April 2020 (29.04.2020)</b>
0-3	Name of receiving Office and "PCT International Application"	<b>Korean Intellectual Property Office PCT International Application</b>
<b>0-4</b>	<b>Form PCT/RO/101 PCT Request</b>	
0-4-1	Prepared Using	<b>ePCT-Filing Version 4.7-SNAPSHOT MT/FOP 20200422/1.1</b>
0-5	<b>Petition</b>	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	<b>Receiving Office (specified by the applicant)</b>	<b>Korean Intellectual Property Office (RO/KR)</b>
0-7	<b>Applicant's or agent's file reference</b>	<b>SH-61254-PCT</b>
<b>I</b>	<b>Title of Invention</b>	<b>METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING DATA IN WIRELESS COMMUNICATION SYSTEM</b>
<b>II</b>	<b>Applicant</b>	
II-1	This person is	<b>Applicant only</b>
II-2	Applicant for	<b>All designated States</b>
II-4	Name	<b>SAMSUNG ELECTRONICS CO., LTD.</b>
II-5	Address	<b>129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677 Republic of Korea</b>
II-6	State of nationality	<b>KR</b>
II-7	State of residence	<b>KR</b>
II-11	Applicant's registration No. with the Office	<b>1-1998-104271-3</b>
<b>III-1</b>	<b>Applicant and/or inventor</b>	
III-1-1	This person is	<b>Inventor only</b>
III-1-3	Inventor for	<b>All designated States</b>
III-1-4	Name (LAST, First)	<b>BAEK, Sangkyu</b>
III-1-5	Address	<b>129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677 Republic of Korea</b>

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<b>III-2</b> III-2-1 III-2-3 III-2-4 III-2-5	<b>Applicant and/or inventor</b> This person is Inventor for Name (LAST, First) Address	<b>Inventor only</b> <b>All designated States</b> <b>JANG, Jaehyuk</b> <b>129, Samsung-ro,</b> <b>Yeongtong-gu, Suwon-si,</b> <b>Gyeonggi-do</b> <b>16677</b> <b>Republic of Korea</b>
<b>III-3</b> III-3-1 III-3-3 III-3-4 III-3-5	<b>Applicant and/or inventor</b> This person is Inventor for Name (LAST, First) Address	<b>Inventor only</b> <b>All designated States</b> <b>AGIWAL, Anil</b> <b>129, Samsung-ro,</b> <b>Yeongtong-gu, Suwon-si,</b> <b>Gyeonggi-do</b> <b>16677</b> <b>Republic of Korea</b>
<b>III-4</b> III-4-1 III-4-3 III-4-4 III-4-5	<b>Applicant and/or inventor</b> This person is Inventor for Name (LAST, First) Address	<b>Inventor only</b> <b>All designated States</b> <b>KIM, Soenghun</b> <b>129, Samsung-ro,</b> <b>Yeongtong-gu, Suwon-si,</b> <b>Gyeonggi-do</b> <b>16677</b> <b>Republic of Korea</b>

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IV-1	<b>Agent or common representative; or address for correspondence</b> The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	<b>Agent</b>
IV-1-1	Name	<b>Y.P.LEE, MOCK &amp; PARTNERS</b>
IV-1-2	Address	<b>12F Daelim Acrotel, 13 Eonju-ro 30-gil, Gangnam-gu, Seoul 06292 Republic of Korea</b>
IV-1-3	Telephone No.	<b>82-2-588-8585</b>
IV-1-4	Facsimile No.	<b>82-2-588-8586</b>
IV-1-5	e-mail	<b>iplaw@leemock.com</b>
IV-1-5(a)	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	<b>exclusively in electronic form (no paper notifications will be sent)</b>
IV-1-6	Agent's registration No.	<b>9-2005-100002-8</b>
<b>V</b>	<b>DESIGNATIONS</b>	
V-1	<b>The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.</b>	
V-2	<b>Item V-2 may only be used to exclude (irrevocably) the designations concerned if, at the time of filing or subsequently under Rule 26bis.1, the international application contains in Box No. VI a priority claim to an earlier national application filed in the particular State concerned, in order to avoid the ceasing of the effect, under the national law, of this earlier national application.</b>	<b>KR</b>
VI-1	<b>Priority claim of earlier national application</b>	
VI-1-1	Filing date	<b>30 April 2019 (30.04.2019)</b>
VI-1-2	Number	<b>10-2019-0051000</b>
VI-1-3	Country or Member of WTO	<b>KR</b>
VI-2	<b>Priority document request</b> The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	<b>VI-1</b>

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<b>VI-3</b>	<b>Incorporation by reference :</b> where an element of the international application referred to in Article 11(1)(iii)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(iii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.		
<b>VII-1</b>	<b>International Searching Authority Chosen</b>	<b>Korean Intellectual Property Office (ISA/KR)</b>	
<b>VIII</b>	<b>Declarations</b>	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
<b>IX</b>	<b>Check list</b>	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	<b>5</b>	✓
IX-2	Description	<b>29</b>	✓
IX-3	Claims	<b>3</b>	✓
IX-4	Abstract	<b>1</b>	✓
IX-5	Drawings	<b>16</b>	✓
IX-6a	Sequence listing part of the description (also to be used for the purposes of international search)	-	-
IX-7	TOTAL	<b>54</b>	
	<b>Accompanying Items</b>	Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	-	✓
IX-11	Copy of general power of attorney	-	✓
<b>IX-20</b>	<b>Figure of the drawings which should accompany the abstract</b>	<b>1G</b>	
<b>IX-21</b>	<b>Language of filing of the international application</b>	<b>English</b>	
<b>X-1</b>	<b>Signature of applicant, agent or common representative</b>	<b>/Young-pil LEE/</b>	
X-1-1	Name	<b>Y.P.LEE, MOCK &amp; PARTNERS</b>	
X-1-2	Name of signatory	<b>Young-pil LEE</b>	
X-1-3	Capacity (if such capacity is not obvious from reading the request)	<b>CEO</b>	

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10-1	Date of actual receipt of the purported international application	29 April 2020 (29.04.2020)
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

**FOR INTERNATIONAL BUREAU USE ONLY**

11-1	Date of receipt of the record copy by the International Bureau	
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