

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6986150

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SOYOUNG YOON	10/12/2021
YONGHYON KIM	10/12/2021
MINSEOK SHIN	10/12/2021
SONGKYU KIM	10/12/2021
JUNGMIN OH	10/12/2021
KYUNGWON LEE	10/12/2021
SANGHYUN LEE	10/12/2021
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
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City:	SUWON-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17509295
CORRESPONDENCE DATA	
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<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	0203-2956
NAME OF SUBMITTER:	GREGORY L. CLINTON
SIGNATURE:	/Gregory L. CLINTON/
DATE SIGNED:	10/25/2021

Total Attachments: 4

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Assignment

WHEREAS, the following inventors, namely 1) Soyoung YOON, 2) Yonghyon KIM, 3) Minseok SHIN, 4) Songkyu KIM, 5) Jungmin OH, 6) Kyungwon LEE, and 7) Sanghyun LEE (hereinafter called "Assignors"), having made or discovered certain new, useful and non-obvious improvements in an invention having a working title of:

ELECTRONIC DEVICE FOR SEARCHING A NODE BASED ON IDENTIFICATION INFORMATION OF CELLULAR COMMUNICATION NETWORK AND METHOD FOR THE SAME.

for which a United States Patent Application is being filed concurrently herewith or, if not being concurrently filed, was filed on October 25, 2021, and assigned Serial No. 17/509,295; 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:
 - i. 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;

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CLIENT REF.: VPF202108-0146/USP-PCT
SAMSUNG REF.: GM-202009-267-1-US0

- b. to cooperate with the Assignee in every way possible in obtaining evidence and going forward in any interference, litigation, mediation, arbitration or other 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.

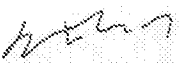
Assignors hereby authorize and request the United States Patent and Trademark Office or any other issuing authority to issue any and all Letters Patent that may be granted upon this invention and/or this application or any divisional, continuing, substitute or reissue application thereof to the Assignee,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

Assignors hereby grant to the law firm of Jefferson IP Law, LLP of Washington, DC and its attorneys and agents as associated with **Customer No. 68103** the authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

DOCKET NO.: 0203-2956
CLIENT REF.: YPF202108-0146/USP-PCT
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Signature of Inventor:	<u>Soyoung Yoon</u> Soyoung YOON	<u>October 12, 2021</u> Date
Signature of Inventor:	<u></u> Yonghyon KIM	<u>October 12, 2021</u> Date
Signature of Inventor:	<u></u> Minseok SHIN	<u>October 12, 2021</u> Date
Signature of Inventor:	<u>Songkyu KIM</u> Songkyu KIM	<u>October 12, 2021</u> Date
Signature of Inventor:	<u></u> Jungmin OH	<u>10.12.2021</u> Date
Signature of Inventor:	<u></u> Kyungwon LEE	<u>10.12.2021</u> Date
Signature of Inventor:	<u>Sanghyun LEE</u> Sanghyun LEE	<u>Oct. 12. 21</u> Date