

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6314511

<b>SUBMISSION TYPE:</b>	RESUBMISSION
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>RESUBMIT DOCUMENT ID:</b>	506144447
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MAESoon IM	07/03/2020
BYUNG CHUL LEE	07/03/2020
YOUNG JUN YOON	07/03/2020
JIN SOO PARK	07/03/2020
SEUNG MIN KWAK	07/06/2020
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<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	02792
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16923965
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)992-8124
<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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<b>ATTORNEY DOCKET NUMBER:</b>	0010-0046
<b>NAME OF SUBMITTER:</b>	SANG CHUL KWON
<b>SIGNATURE:</b>	/Sang Chul Kwon/
<b>DATE SIGNED:</b>	09/23/2020
<b>Total Attachments: 5</b>	

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT6191174

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
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**CONVEYING PARTY DATA**

Name	Execution Date
MAESOON IM	07/03/2020
BYUNG CHUL LEE	07/03/2020
YOUNG JUN YOON	07/03/2020
JIN SOO PARK	07/03/2020
SEUNG MIN KWAK	07/06/2020

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<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	02792

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	16923965

**CORRESPONDENCE DATA**

**Fax Number:** (703)992-8124

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**Address Line 1:** 4208 EVERGREEN LANE, SUITE 232

**Address Line 4:** ANNANDALE, VIRGINIA 22003

<b>ATTORNEY DOCKET NUMBER:</b>	0010-0046
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<b>NAME OF SUBMITTER:</b>	SANG CHUL KWON
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<b>SIGNATURE:</b>	/Sang Chul Kwon/
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<b>DATE SIGNED:</b>	07/08/2020
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**Total Attachments: 2**

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Corrected**PATENT ASSIGNMENT COVER SHEET**Electronic Version v1.1  
Worksheet Version v1.2

EPAS ID: PAT6191171

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
MAESOON IM	07/03/2020
BYUNG CHUL LEE	07/03/2020
YOUNG JUN YOON	07/03/2020
JIN SOO PARK	07/03/2020
SEUNG MIN KWAK	07/06/2020

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<b>Name:</b>	KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY
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<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	02792

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	16923965

**CORRESPONDENCE DATA****Fax Number:** (703)992-8124*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:** 703-992-8118**Email:** sckwon@gzonelaw.com**Correspondent Name:** GOLDS LOCKS ZONE IP LAW**Address Line 1:** 4208 EVERGREEN LANE, SUITE 232**Address Line 4:** ANNANDALE, VIRGINIA 22003

<b>ATTORNEY DOCKET NUMBER:</b>	0010-0046
<b>NAME OF SUBMITTER:</b>	SANG CHUL KWON
<b>SIGNATURE:</b>	/Sang Chul Kwon/
<b>DATE SIGNED:</b>	<del>07/08/2020</del> 09/23/2020

**Total Attachments: 2**

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Assignment-0010-0046 as filed-09-23-2020

## ASSIGNMENT OF PATENT APPLICATION

WHEREAS I/We, the below named inventor(s) has made an invention entitled:

### **HIGH-DENSITY NEURAL PROBES HAVING VARIOUS FORMS AND METHODS FOR MANUFACTURING THE SAME**

For which I/We executed an application for Letters Patent of the United States concurrently herewith; and/or For which I/We filed an application for Letters Patent of the United States on \_\_\_\_\_ (Application No. \_\_\_\_\_),

BE IT KNOWN that, for good and valuable consideration, the receipt of which is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto **KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY of 5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul 02792, Republic of Korea** (hereinafter referred to as Assignee(s)), its lawful successors and assigns my/our entire right, title, and interest in and to this application and the invention(s) and improvement(s) set forth therein; and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent and any and all Letters Patent of the United States thereto, which may be granted thereon or therefore; and any reissues, reexaminations, or extensions of all such Letters Patent.

I/WE HEREBY authorize the Assignee(s), its lawful successors and assigns to apply for Letters Patent in all countries foreign to the United States directly in its own name, and to claim priority of the filing date of any of the above-mentioned applications for Letters Patent of the United States and of countries foreign thereto under the provisions of any and all international conventions and treaties.

I/WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as foresaid, to issue all Letters Patent for this invention to the Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with said Assignee(s), its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee(s), its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee(s), its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and in countries foreign thereto, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee(s), its successors and assigns.

### **Authorization To Permit Access to Application by Participating Offices**

The undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application

claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h).

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above- identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above- identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

AND, I/WE HEREBY authorize and request the attorneys or agents of record to insert the serial number and filing date of said application now identified by the docket number and/or title set forth above as soon as the same shall have been known to them by the United States Patent and Trademark Office.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

Signature of first assignor:	_____	Date _____
Name of first assignor:	IM, Mae Soon	
Address:	5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul 02792, Republic of Korea	
Signature of second assignor:	_____	Date _____
Name of second assignor:	LEE, Byung Chul	
Address:	5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul 02792, Republic of Korea	
Signature of third assignor:	_____	Date _____
Name of third assignor:	YOON, Young Jun	
Address:	5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul 02792, Republic of Korea	
Signature of fourth assignor:	_____	Date _____
Name of fourth assignor:	PARK, Jin Soo	
Address:	5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul 02792, Republic of Korea	
Signature of fifth assignor:	_____	Date _____
Name of fifth assignor:	KWAK, Seung Min	
Address:	5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul 02792, Republic of Korea	

In accordance with 37 CFR 1.14(e), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

AND, I/WE HEREBY authorize and request the attorneys or agents of record to insert the serial number and filing date of said application now identified by the docket number and/or title set forth above as soon as the same shall have been known to them by the United States Patent and Trademark Office.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

Signature of first assignor:	<u>[Signature]</u>	Date	<u>07/03/2020</u>
Name of first assignor:	IM, Meeoon		
Address:	5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul 02792, Republic of Korea		
Signature of second assignor:	<u>[Signature]</u>	Date	<u>07/03/2020</u>
Name of second assignor:	LEE, Byung		
Address:	5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul 02792, Republic of Korea		
Signature of third assignor:	<u>[Signature]</u>	Date	<u>Jul. 3, 2020</u>
Name of third assignor:	YOON, Young Jun		
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Signature of fourth assignor:	<u>[Signature]</u>	Date	<u>07/03/2020</u>
Name of fourth assignor:	PARK, Jin Soo		
Address:	5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul 02792, Republic of Korea		
Signature of fifth assignor:	<u>[Signature]</u>	Date	<u>07/06/2020</u>
Name of fifth assignor:	KWAK, Seung Min		
Address:	5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul 02792, Republic of Korea		