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| PATENT ASSIGNMENT COVER SHEET |
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EPAS ID: PAT5092498

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| DO HWAN KIM | 08/10/2018 |
| JOO SUNG KIM | 08/10/2018 |
| EUN SONG JEE | 08/10/2018 |
| MOON SUNG KANG | 08/10/2018 |

RECEIVING PARTY DATA

| | |
|------------------------|--|
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| City: | SEOUL |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 06978 |
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| City: | SEOUL |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 04763 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|----------------------------|----------|
| Application Number: | 16100428 |

CORRESPONDENCE DATA

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|---|-------------------|
| ATTORNEY DOCKET NUMBER: | MAPS-59632 |
| NAME OF SUBMITTER: | MICHAEL W. GARVEY |
| SIGNATURE: | /michaelwgarvey/ |
| DATE SIGNED: | 08/10/2018 |
| Total Attachments: 3 source=MAPS-59632-Declaration-Assignment#page1.tif source=MAPS-59632-Declaration-Assignment#page2.tif source=MAPS-59632-Declaration-Assignment#page3.tif | |

**DECLARATION AND ASSIGNMENT
FOR US UTILITY OR DESIGN PATENT APPLICATION**

Attorney Docket No.:

As a below-named inventor, I hereby declare that:

this declaration is directed to the application entitled:

VISCO-POROELASTIC ELASTOMER-BASED CAPACITOR TYPE TACTILE SENSOR
(TITLE)

(check only one item below)

attached hereto,

OR

filed on (YYYY/MM/DD) _____ as United States Application Number or PCT
International Application Number _____

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the
above-identified application.

I hereby acknowledge that any willful false statement made in this declaration is punishable
under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, new and useful improvements have been made by the undersigned as
described in the above-identified application.

WHEREAS,

FOUNDATION OF SOONGSIL UNIVERSITY-INDUSTRY COOPERATION, having a
place of business at (Sangdo-dong), 369, Sangdo-ro, Dongjak-gu, Seoul 06978, Republic of
Korea, and

IUCF-HYU (Industry-University Cooperation Foundation Hanyang University), having a
place of business at (Haengdang-dong, Hanyang University), 222, Wangsimni-ro,
Seongdong-gu, Seoul 04763, Republic of Korea

hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest
throughout the world in, to, and under said improvements and inventions and patent rights
therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventors' certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

IN WITNESS WHEREOF, this declaration and assignment has been executed below by the undersigned:

Legal Name of Inventor: Do Hwan KIM

Signature of Inventor: _____

Date: 2018. 08. 10

Witness: _____

Witness: _____

Signatures of additional inventors on attached sheet(s)

Notice to Inventor(s): A person may not execute this declaration unless that person has reviewed and understands the contents of the above-identified application, including the claims.

For applications filed under AIA
(on or after September 16, 2012)

Notice to Inventor(s): A person may not execute this declaration unless that person is aware of the duty to disclose to the US Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

Legal Name of Inventor: Joong Sung KIM

Signature of Inventor: *Joong Sung Kim*

Date: 2018 08 10

Witness: _____

Witness: _____

Legal Name of Inventor: Eun Song JEE

Signature of Inventor: *Eun Song Jee*

Date: 2018 08 10

Witness: _____

Witness: _____

Legal Name of Inventor: Moong Sung KANG

Signature of Inventor: *Moong Sung Kang*

Date: 2018 08 10

Witness: _____

Witness: _____