

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4764817

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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JONGYOON HAN	12/18/2017
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15728860
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NAME OF SUBMITTER:	MAHREEN CHAUDHRY HODA, REG. NO. 52448
SIGNATURE:	/Mahreen Chaudhry Hoda/
DATE SIGNED:	01/04/2018
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, we, **Minseok Kim and Jongyoon Han** (hereinafter "ASSIGNORS"), have invented a certain improvement in **Electromechanical Lysis of Bacterial Pathogens Using Ion Concentration Polarization** described in an application for Letters Patent of the United States, the specification of which:

is being executed on even date herewith and is about to be filed in the United States Patent Office,

was filed on **October 10, 2017** as Application No. **15/728,860**,

was patented under U.S. Patent No. [] on [].

WHEREAS, **Massachusetts Institute of Technology** (hereinafter "ASSIGNEE"), a university organized and existing under the laws of the Commonwealth of **Massachusetts**, and having a usual place of business at **77 Massachusetts Avenue, Cambridge, MA 02139** desires to acquire an interest therein in accordance with agreements duly entered into with us:

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application and all divisionals, renewals, and continuations thereof, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon and all reissues and extensions thereof; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property including, without limitation, all applications for patents, utility models and designs which may be filed for said invention in any countries foreign to the United States together with the right to file such applications and the right to claim for the same the priority rights claimed in or derived from said application or any priority application thereof under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed as may be applicable; and all forms of industrial property protection

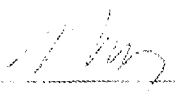
including, without limitation, patents, utility models, inventor's certificates, and designs which may be granted for said invention in any country foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby covenant and agree that we have full right to convey the entire interest herein assigned and that we have not executed, and will not execute, any agreement in conflict herewith;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, the ASSIGNORS, have duly executed this Assignment.

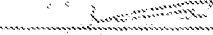
Inventor  Date Dec 13th, 2017
Minseok Kim
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165 Techno-daero, Daegu 42994, Rep. of Korea

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Title: Electromechanical Lysis of Bacterial Pathogens Using Ion Concentration Polarization


Print Witness Name Yoochan Hong

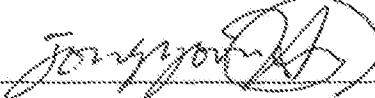
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Signature 

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Inventor  Date Dec 18 2017

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Print Witness Name CYNTHIA J HIGGINS

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Assignment
Serial No. 15/728,860
Minseok Kim, et al.
Title: Electromechanical Lysis of Bacterial Pathogens Using Ion Concentration Polarization
Docket No. 4041 3032 US1

IN TESTIMONY WHEREOF, I, on behalf of and duly authorized by the
ASSIGNEE, have executed this Assignment.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

By: Theresa Latham

Name: Theresa Latham

Title: Intellectual Property Officer
MIT Technology Licensing Office

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