

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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Property Type	Number
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Total Attachments: 2	
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ASSIGNMENT

WHEREAS, I, **Bader Shafaqa Al-Anzi** (hereinafter "ASSIGNOR"), together with co-inventors, **Bumjoo Kim, Jongyoon Han and Rhokyun Kwak**, have invented a certain improvement in **Purification of Ultra-High Saline and Contaminated Water by Multi-Stage Ion Concentration Polarization (ICP) Desalination**, 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 23, 2015** as Application No. **14/920,992**;

☐ 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 me;

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, ASSIGNOR 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 me had this assignment and sale not been made; ASSIGNOR 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 derived from said United States application 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. ASSIGNOR 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, ASSIGNOR hereby covenant and agree that I have full right to convey the entire interest herein assigned and that I have not executed, and will not execute, any agreement in conflict herewith;

AND, ASSIGNOR hereby further agree for myself and my 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, ASSIGNOR, together with the ASSIGNEE, 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, I, the ASSIGNOR, have duly executed this Assignment.

Inventor 05/31/018 Date 05/31/018 Dr. Bader Shafaqa Al-Anzi
Bader Shafaqa Al-Anzi
رئيس قسم إدارة التكنولوجيا

Address Kuwait (KW)

Print Witness Name Prof. Jiwan S. Sidhu Prof. Jiwan S. Sidhu, Ph.D.
Address Dept. of Food Science & Nutrition, College of Life Sciences, Kuwait University
Signature [Signature] May 31, 2018
Director, Master's Program in Food & Environmental Technology
Dept. of Food Science & Nutrition
College of Life Sciences, Kuwait University

Print Witness Name Abdirashid Elmi
Address Env. Tech. Manager, KU
Signature [Signature]
رئيس قسم إدارة التكنولوجيا

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

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

By: [Signature]
Name: Lauren C. Foster
Title: Associate Director
Technology Licensing Office

(Please return all pages of this document)