PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DO-YOUNG JEONG	02/12/2019
LIM LEE	02/12/2019
YONGHEE KIM	02/12/2019
HYOUNMIN PARK	02/12/2019
YONG-HO CHA	02/12/2019
TAEK-SOO KIM	02/12/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16290531

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ATTORNEY DOCKET NUMBER:	049266-516001US	
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SIGNATURE:	/Peter F. Corless/	
DATE SIGNED: 03/04/2019		

Total Attachments: 5

PATENT REEL: 048491 FRAME: 0112

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> PATENT REEL: 048491 FRAME: 0113

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this Aday of Aday of Aday of JEONG, Do-Young; LEE, Lim; KIM, Yonghee; PARK, Hyounmin; CHA, Yong-Ho; and KIM, Tack-Soo (hereinafter referred to as Assignors), residing at 1105-1502, 23, Wanggabong-ro, Yuseong-gu, Daejeon, 34145, Republic of Korea; 210-602, 448, Expo-ro, Yuseong-gu, Daejeon, 34049, Republic of Korea; 710-402, 12, Gwanpyeong 1-ro, Yuseong-gu, Daejeon, 34021, Republic of Korea; 813-802, 34, Eungubinam-ro, Yuseong-gu, Daejeon, 34090, Republic of Korea; 813-1201, 34, Eungubinam-ro, Yuseong-gu, Daejeon, 34090, Republic of Korea; and 109-403, 30, Yongsan 2-ro, Yuseong-gu, Daejeon, 34034, Republic of Korea.

WHEREAS, Assignors have invented certain new and useful improvements in PROCESS FOR ISOLATING ¹⁷O ISOTOPE FROM WATER AND PROCESS FOR CONCENTRATING ¹⁷O ISOTOPE USING THE SAME, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

WHEREAS, KOREA ATOMIC ENERGY RESEARCH INSTITUTE residing at 111.

Daedeok-daero 989beon-gil, Yuseong-gu, Daejeon, 34057 Republic of Korea (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, his or her successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for his or her own use and benefit and the use and benefit of his or her successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be

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granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, his or her successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, his or her successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, his or her successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of his or her successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignce of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, his or her successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO, P.C.

All practitioners at Customer Number 100807

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

12 Tab 2019 Date	Doym Jo M Inventor: JEONG, Do-Young
Witness:	
Date	
12. Fieh. 2019 Date	Inventor; LEE, Lim
Witness:	mivemoj, Elek, Lint
12. Feb. 2019.	Kim Yonghea
Date	Inventor: KIM, Yonghee
Witness:	
12, Feb. 2019 Date	Inventor: PARK, Hyounmin
Witness:	

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Date	Inventor: CHA, Yong-Ho
Witness:	
12. Feb. 2019	12- Tols
Date	Inventor: KIM, Taek-Soo
Witness:	