505013472 07/20/2018

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------------------|----------------|
| MITSUBISHI HEAVY INDUSTRIES, LTD. | 07/19/2018 |

RECEIVING PARTY DATA

| Name: | MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD. | |
|-----------------|--|--|
| Street Address: | 3-1, MINATOMIRAI 3-CHOME, NISHI-KU, YOKOHAMA-SHI | |
| City: | KANAGAWA | |
| State/Country: | JAPAN | |
| Postal Code: | 220-8401 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15117961 |

CORRESPONDENCE DATA

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| <u> </u> | |
|-------------------------|-----------------|
| ATTORNEY DOCKET NUMBER: | P160694US00 |
| NAME OF SUBMITTER: | SUNG-HOON KIM |
| SIGNATURE: | /Sung-Hoon Kim/ |
| DATE SIGNED: | 07/20/2018 |

Total Attachments: 2

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> **PATENT** REEL: 046413 FRAME: 0841 505013472

Attorney Docket No. P160694US00

ASSIGNMENT

WHEREAS, MITSUBISHI HEAVY INDUSTRIES, LTD., a corporation duly

organized under the laws of Japan and having its principal place of business at 16-5, Konan 2-

chome, Minato-ku, Tokyo, 108-8215, Japan is the owner of the entire right, title and interest in

the invention entitled "INACTIVATION TREATMENT APPARATUS", which is described and

claimed in U.S. Patent Application No. 15/117,961, by virtue of an assignment recorded at the

U.S. Patent and Trademark Office on August 10, 2016, at Reel 039397, Frame 0617;

WHEREAS, MITSUBISHI HEAVY INDUSTRIES, LTD., hereinafter referred to as

ASSIGNOR, is desirous of assigning its entire right, title and interest in said U.S. Patent

Application;

WHEREAS, MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD. duly

organized under the laws of Japan and having its principal place of business at 3-1, Minatomirai

3-chome, Nishi-ku, Yokohama-shi, Kanagawa 220-8401, Japan, hereinafter referred to as

ASSIGNEE, is desirous of acquiring the entire right, title and interest as held by ASSIGNOR in,

to and under the said U.S. Patent Application;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: be it known that for good

and valuable consideration, the adequacy and receipt of which is hereby acknowledged by

ASSIGNOR, hereby sells, assigns, and transfers to ASSIGNEE, its entire right, title, and interest

in and to United States Patent Application No. 15/117,961 and the inventions therein, for the full

term of the said United States Patent Application and any and all U.S. patents granted therein and

any reissue, extension, reexamination, continuation, or divisional thereof.

PATENT

REEL: 046413 FRAME: 0842

Attorney Docket No. P160694US00

| IN WITNESS WHEREOF, the undersigned ASSIGNOR has hereunto set hand and seal |
|---|
| this <u>19th</u> day of <u>July</u> , 2018. |
| Assignor: MITSUBISHI HEAVY INDUSTRIES, LTD. |
| Signature |
| of Representative: Hisaiclan (17) |
| Name: Hiromichi ITO |

General Manager of Intellectual Property Department

Title: