505419176 04/09/2019

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| YUUMA OOTSUKA | 02/22/2019 |

RECEIVING PARTY DATA

| Name: | FANUC CORPORATION |
|-------------------|--|
| Street Address: | 3580, SHIBOKUSA AZA-KOMANBA, OSHINO-MURA |
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| City: | YAMANASHI |
| State/Country: | JAPAN |
| Postal Code: | 401-0597 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 29686972 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 008815.00011 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | ROBERT S. KATZ |
| SIGNATURE: | /Robert S. Katz/ |
| DATE SIGNED: | 04/09/2019 |

Total Attachments: 2

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PATENT 505419176 REEL: 048836 FRAME: 0193

Sole Assignment Client Ref: FANFD-012/US Attorney Docket No. 008815.00011

ASSIGNMENT

WHEREAS, I, Yuuma OOTSUKA, residing in JAPAN ("ASSIGNOR'), the sole inventor of certain inventions and improvements described in a U.S. patent application identified and having the title

HOLDER FOR A PORTABLE MANUAL PULSE GENERATOR

| which application was | |
|-----------------------|---------------------------------|
| filed on | and assigned application number |
| and WHEREAS | |

FANUC CORPORATION 3580, Shibokusa Aza-komanba, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0597 Japan

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

I hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And I covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement or do anything in conflict herewith;

And I further covenant and agree that I will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and I agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

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Sole Assignment Client Ref: FANFD-012/US Attorney Docket No. 008815.00011

And I authorize the ASSIGNEE or its NOMINEES to file in my name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and I authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And I hereby grant the attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: February 22, 2019 Inventor: Yuuma OOTSUKA

Yuuma OOTSUKA

Note: No legalization or other witness required.

LAW OFFICES

BANNER & WITCOFF, LTD.

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