PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | MISSION TYPE: NEW ASSIGNMENT | | | | |
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| CONVEYING PARTY DATA | | | | | |
| Name Execution | | | Execution Date | | |
| Kimihiko TANAYA 02/18/2013 | | | 02/18/2013 | | |
| RECEIVING PARTY DATA | | | | | |
| Name: | MITSUBISHI ELECTRIC CORPORATION | | | | |
| Street Address: | 7-3, Marunouchi 2- | chome | | | |
| City: | Chiyoda-ku, Tokyo | | | | |
| State/Country: | JAPAN | | | | |
| Postal Code: | 100-8310 | 100-8310 | | | |
| PROPERTY NUMBERS Total: 1 | | | | | |
| Property Type | | Number | | | |
| Application Number: 1378 | | 3815 | | | |
| Application Number: | 1378 | 8815 | | ç | |
| CORRESPONDENCE | | 8815 | | 3788815 | |
| | | 8815 | | 13788815 | |
| CORRESPONDENCE | E DATA 2022937860 | 8815 when the fax attempt is unsuccessful. | | | |
| CORRESPONDENCE | E DATA 2022937860 | when the fax attempt is unsuccessful. | | | |
| CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email: | DATA 2022937860 be sent via US Mail v 202-293-7060 sughrue@sug | when the fax attempt is unsuccessful. hrue.com, bgalvez@sughrue.com | | \$40.00 | |
| CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name | E DATA 2022937860 be sent via US Mail v 202-293-7060 sughrue@sug : SUGHRUE M | <i>when the fax attempt is unsuccessful.</i> hrue.com, bgalvez@sughrue.com ION, PLLC | | | |
| CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name Address Line 1: | E DATA 2022937860 be sent via US Mail v 202-293-7060 sughrue@sug : SUGHRUE M 2100 PENNS | when the fax attempt is unsuccessful. hrue.com, bgalvez@sughrue.com | | \$40.00 | |
| CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name | E DATA 2022937860 be sent via US Mail v 202-293-7060 sughrue@sug : SUGHRUE M 2100 PENNS [*] SUITE 800 | <i>when the fax attempt is unsuccessful.</i> hrue.com, bgalvez@sughrue.com ION, PLLC | | \$40.00 | |
| CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: | E DATA 2022937860 be sent via US Mail v 202-293-7060 sughrue@sug : SUGHRUE M 2100 PENNS' SUITE 800 WASHINGTO | when the fax attempt is unsuccessful. hrue.com, bgalvez@sughrue.com ION, PLLC YLVANIA AVENUE, N.W. | | \$40.00 | |
| CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4: | E DATA 2022937860 be sent via US Mail v 202-293-7060 sughrue@sug : SUGHRUE M 2100 PENNS' SUITE 800 WASHINGTO | when the fax attempt is unsuccessful. hrue.com, bgalvez@sughrue.com ION, PLLC YLVANIA AVENUE, N.W. N, DISTRICT OF COLUMBIA 20037 | | \$40.00 | |

For Non-U.S. Clients

Assignment

Whereas, I/We, Kimihiko TANAYA of

c/o Mitsubishi Electric Corporation

7-3, Marunouchi 2-Chome, Chiyoda-ku, TOKYO 100-8310 JAPAN of hereinafter called assignor(s), have invented certain improvements in

IGNITION COIL APPARATUS FOR HIGH-FREQUENCY DISCHARGE and executed an application for Letters Patent of the United States of America therefor on ; and Whereas,

Mitsubishi Electric Corporation 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 13/788,815 and Confirmation number 8644 , filed March 7, 2013) the filing date and application number of said application when known.

| Date: | February 18, 2013 | Kimihiko | Tanaya |
|-------|-------------------|--------------------|--------|
| | / | s/ Kimihiko TANAYA | |

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

RECORDED: 03/11/2013