

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YOSHINAO TATEI	05/14/2015
TAKESHI MUSHA	05/14/2015
HAJIME NAKAJIMA	05/20/2014
TAKASHI OKAMURO	05/14/2015
MASANORI NIMURA	05/27/2015
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14655837
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DATE SIGNED:	06/26/2015
Total Attachments: 1	

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))
 Mitsubishi Electric Corporation

7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

ROTATION NUMBER DETECTOR

relating to International Patent Application PCT/JP2013/054603 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____; *(Insert date of execution of application, if not concurrent)*

(b) filed on June 26, 2015

Serial No. 14/655,837

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u>立井 芳直</u> <i>(Signature)</i>	<u>Yoshinao TATEI</u> <i>(Type Name)</i>	<u>May 14, 2015</u> <i>(Date)</i>
2) <u>Takeshi Mushi</u> <i>(Signature)</i>	<u>Takeshi MUSHI</u> <i>(Type Name)</i>	<u>May 14, 2015</u> <i>(Date)</i>
3) <u>Takashi Nakajima</u> <i>(Signature)</i>	<u>Hajime NAKAJIMA</u> <i>(Type Name)</i>	<u>May 20, 2015</u> <i>(Date)</i>
4) <u>Takashi Okamura</u> <i>(Signature)</i>	<u>Takashi OKAMURO</u> <i>(Type Name)</i>	<u>May 14, 2015</u> <i>(Date)</i>
5) <u>Masanori Nimura</u> <i>(Signature)</i>	<u>Masanori NIMURA</u> <i>(Type Name)</i>	<u>May 27, 2015</u> <i>(Date)</i>

TC
May 14, 2015