PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASATO ITO	05/12/2014
YOSUKE HACHIYA	05/12/2014
SATORU TERASHIMA	05/12/2014

RECEIVING PARTY DATA

Name:	MITSUBISHI ELECTRIC CORPORATION	
Street Address:	7-3, Marunouchi 2-chome, Chiyoda-ku	
City:	Tokyo	
State/Country:	Japan	
Postal Code:	100-8310	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14368082	

CORRESPONDENCE DATA

Fax Number: (703)413-2220

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (703) 413-3000 Email: sbadic@oblon.com **Correspondent Name:** OBLON, SPIVAK, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	436727US
NAME OF SUBMITTER:	SVJETLANA BADIC
SIGNATURE:	/Svjetlana Badic/
DATE SIGNED:	06/23/2014

Total Attachments: 2

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> **PATENT REEL: 033157 FRAME: 0997** 502862908

Assignment of Application

WHEREAS, I (WE)	Masato ITO		
	Yosuke HACHIYA		
	and Satoru TERASHIMA		
	of 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN		
	, respectively.		
have invented certa	in new and useful improvements in: CONTROL DEVICE FOR ALTERNATING CURRENT		
ROTARY MACHI	•		
ROTART IMACIE	10		
(Application No1	PCT/JP2012/074639 , filed September 26, 2012), and		
WHEREAS, _1	Mitsubishi Electric Corporation		
(hereinafter referre	d to as "ASSIGNEE") having a place of business at: 7-3, Marunouchi 2-chome, Chiyoda-ku,		
TOKYO 100-8310	JAPAN is desirous of acquiring the entire right, title and interest in and to said invention and in and		
to any Letters Pate	t that may be granted therefore in the United States and its territorial possessions and in any and all		

foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date:	May 12, 2014		Musato Ito
	•	(Signature of Inventor)	Masato ITO
Date:	May 12, 2014		Yosuke Hachiya. Yosuke HACHIYA
	/	(Signature of Inventor)	Yosuke HACHIYA
Date:	May 12, 2014		Satonu Tenahima
	1	(Signature of Inventor)	Satoru TERASHIMA
Date:			
		(Signature of Inventor)	
Date:			
		(Signature of Inventor)	
Date:			
		(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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RECORDED: 06/23/2014

PATENT REEL: 033157 FRAME: 0999