503107936 12/18/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHIGETOO ODA	10/24/2014

RECEIVING PARTY DATA

Name:	MITSUBISHI ELECTRIC CORPORATION
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City:	CHIYODA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	100-8310

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14409311	

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	JAMES A. LABARRE	
SIGNATURE:	/James A. LaBarre/	
DATE SIGNED:	12/18/2014	

Total Attachments: 1

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PATENT 503107936 REEL: 034549 FRAME: 0640

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) Mitsubishi Electric Corporation	(\$1.00), and of other good and valuabl	e consideration paid to the undersigned
7-3, Marunouchi 2-chome, Chiyoda-ku, TO	OKYO 100-8310 JAPAN	
(hereinafter, "ASSIGNEE"), the receipt of which is here ASSIGNEE the entire and exclusive right, title and inter (Title of Invention)	by acknowledged, the undersigned ASSIC	NOR hereby sells, assigns and transfers to
CURRENT DIFFERENTIAL RELA	AY	
relating to International Patent Application <u>PCT/JP201</u> executed on even date herewith or, if not so executed, w		or Letters Patent of the United States was
(a) executed on	(Insert date of execution of app	lication, if not concurrent)
(b) filed on;		by authortzed to insert in (b) the specified
and to said application and all Letters Patent(s) of the Us substitute, reissue or reexamination application based the including any extensions thereof (collectively, hereinafte	ereon, for the full term or terms for which t	he said Letters Patent(s) may be granted an
The ASSIGNOR agree(s), when requested by said Al which the ASSIGNEE may deem necessary, desirable or including in the preparation and prosecution of said applices reexamination, or public use proceeding, and in any litigacts to include but not be limited to executing all papers, sworn testimony, and obtaining and producing evidence	r expedient, for securing, maintaining and lication(s) and the issuance of said Letters ation or other legal proceeding which may , including separate assignments and decla	enforcing protection for said invention, Patent(s), in any interference, reissue, arise or be declared in relation to same, suc
IN WITNESS WHEREOF, the undersigned inventor	(s) has (have) affixed his/her/their signatur	e(s).
1) Shigitor Oda	Shigetoo ODA	October 24, 2014
(Signature)	(Type Name)	(Date)
2) (Signature)	(Type Name)	(Date)
3)(Signature)	(Type Name)	(Date)
4)(Signature)	(Type Name)	(Date)
5) (Signature)	(Type Name)	(Date)

PATENT REEL: 034549 FRAME: 0641

RECORDED: 12/18/2014