

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4550912

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HIROKI ISHIYAMA	07/14/2017
YOHEI KATO	07/18/2017
SATORU YANACHI	07/11/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	mitsubishi electric corporation
<b>Street Address:</b>	7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	100-8310
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15551156
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)707-9112
<i>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.</i>	
<b>Phone:</b>	703 707 9110
<b>Email:</b>	mailbox@poszlaw.com
<b>Correspondent Name:</b>	POSZ LAW GROUP, PLC
<b>Address Line 1:</b>	12040 SOUTH LAKES DRIVE
<b>Address Line 2:</b>	SUITE 101
<b>Address Line 4:</b>	RESTON, VIRGINIA 20191
<b>ATTORNEY DOCKET NUMBER:</b>	129A_554_TN
<b>NAME OF SUBMITTER:</b>	THERESE B. VARNDELL
<b>SIGNATURE:</b>	/THERESE B. VARNDELL/
<b>DATE SIGNED:</b>	08/15/2017
<b>Total Attachments: 3</b>	
source=5_Dec_Assmt_129A_554_TN_3pp#page1.tif	
source=5_Dec_Assmt_129A_554_TN_3pp#page2.tif	
source=5_Dec_Assmt_129A_554_TN_3pp#page3.tif	



署名: Signature:	<u>Hiroki ISHIYAMA</u>	署名日: Date:	<u>July 14, 2017</u>
第 1 发明者: First Inventor:	<b>Name: Hiroki ISHIYAMA</b>		
署名: Signature:	<u>Yohei KATO</u>	署名日: Date:	<u>July 18, 2017</u>
第 2 发明者: Second Inventor:	<b>Name: Yohei KATO</b>		
署名: Signature:	_____	署名日: Date:	_____
第 3 发明者: Third Inventor:	<b>Name: Satoru YANACHI</b>		
署名: Signature:	_____	署名日: Date:	_____
第 4 发明者: Fourth Inventor:	<b>Name:</b>		
署名: Signature:	_____	署名日: Date:	_____
第 5 发明者: Fifth Inventor:	<b>Name:</b>		
署名: Signature:	_____	署名日: Date:	_____
第 6 发明者: Sixth Inventor:	<b>Name:</b>		
署名: Signature:	_____	署名日: Date:	_____
第 7 发明者: Seventh Inventor:	<b>Name:</b>		
署名: Signature:	_____	署名日: Date:	_____
第 8 发明者: Eighth Inventor:	<b>Name:</b>		
署名: Signature:	_____	署名日: Date:	_____
第 9 发明者: Ninth Inventor:	<b>Name:</b>		

署名: Signature:	_____	署名日: Date:	_____
第 1 発明者: First Inventor:	<b>Name: Hiroki ISHIYAMA</b>		
署名: Signature:	_____	署名日: Date:	_____
第 2 発明者: Second Inventor:	<b>Name: Yohei KATO</b>		
署名: Signature:	<i>Satoru YANACHI</i>	署名日: Date:	<i>July 11, 2017</i>
第 3 発明者: Third Inventor:	<b>Name: Satoru YANACHI</b>		
署名: Signature:	_____	署名日: Date:	_____
第 4 発明者: Fourth Inventor:	<b>Name:</b>		
署名: Signature:	_____	署名日: Date:	_____
第 5 発明者: Fifth Inventor:	<b>Name:</b>		
署名: Signature:	_____	署名日: Date:	_____
第 6 発明者: Sixth Inventor:	<b>Name:</b>		
署名: Signature:	_____	署名日: Date:	_____
第 7 発明者: Seventh Inventor:	<b>Name:</b>		
署名: Signature:	_____	署名日: Date:	_____
第 8 発明者: Eighth Inventor:	<b>Name:</b>		
署名: Signature:	_____	署名日: Date:	_____
第 9 発明者: Ninth Inventor:	<b>Name:</b>		