

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4557147

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KAZUHISA YAMAUCHI	06/19/2017
NOBUHIRO TOKUMORI	06/20/2017
KENJI MIYASAKA	06/19/2017
TAKASHI FUJIWARA	06/24/2017
MASAKI KAWAMURA	06/20/2017
<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:	15552125
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)413-2220
<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) 413-3000
<b>Email:</b>	chiatt@oblon.com
<b>Correspondent Name:</b>	OBLON, ET AL.
<b>Address Line 1:</b>	1940 DUKE STREET
<b>Address Line 4:</b>	ALEXANDRIA, VIRGINIA 22314
<b>ATTORNEY DOCKET NUMBER:</b>	506155US
<b>NAME OF SUBMITTER:</b>	COLLEEN K. HIATT
<b>SIGNATURE:</b>	/Colleen K. Hiatt/
<b>DATE SIGNED:</b>	08/18/2017
<b>Total Attachments: 5</b>	
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<b>Title of Invention</b>	<b>SYNTHESIZER</b>
As the below named inventor, I hereby declare that:	
This declaration <input type="checkbox"/> The attached application, or	
is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/JP2016/061902</u> filed on <u>April 13, 2016</u>	
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
WHEREAS, <u>Mitsubishi Electric Corporation</u> (hereinafter referred to as "ASSIGNEE") having places of business at: <u>7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent 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, 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) 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 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 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 had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me 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.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
<b>LEGAL NAME OF INVENTOR</b>	
Inventor: <u>Kazuhisa YAMAUCHI</u>	Date: <u>June 19th, 2017</u>
Signature: <u>山内 和久</u>	

**PATENT**  
**REEL: 043335 FRAME: 0849**

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

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<b>LEGAL NAME OF INVENTOR</b>	
Inventor: <u>Nobuhiro TOKUMORI</u> Date: <u>June 20, 2017</u>	
Signature: <u>Nobuhiro Tokumori</u>	

**OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

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<b>LEGAL NAME OF INVENTOR</b>	
Inventor: <u>Kenji MIYASAKA</u> Date: <u>June 19, 2017</u>	
Signature: <u>宮坂賢治</u>	

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<b>LEGAL NAME OF INVENTOR</b>	
<p>Inventor: <u>Takashi FUJIWARA</u> Date: <u>June 24, 2017</u></p> <p>Signature: <u>藤原 崇文</u></p>	

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<b>LEGAL NAME OF INVENTOR</b>	
Inventor: <u>Masaki KAWAMURA</u> Date: <u>June 20, 2017</u>	
Signature: <u>Masaki Kawamura</u>	

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