# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
HEISUKE NAKASHIMA	05/28/2018
KENJI MITSUHIRA	05/25/2018
FUMIHIRO INOUE	05/25/2018

## **RECEIVING PARTY DATA**

Name:	MITSUMI ELECTRIC CO., LTD.		
Street Address:	2-11-2, TSURUMAKI		
City:	TAMA-SHI, TOKYO		
State/Country:	JAPAN		
Postal Code:	206-8567		

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16065784

## **CORRESPONDENCE DATA**

Fax Number:

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:** (212)319-4900

Email: akulkarni@hhpatent.com

Correspondent Name: HOLTZ, HOLTZ, & VOLEK PC

Address Line 1: 630 NINTH AVENUE, SUITE 1010
Address Line 4: NEW YORK, NEW YORK 10036-3744

ATTORNEY DOCKET NUMBER:	18267
NAME OF SUBMITTER:	AMIT KULKARNI
SIGNATURE:	/ak/
DATE SIGNED:	06/22/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

#### **Total Attachments: 3**

source=18267\_Declaration\_Assignment#page1.tif source=18267\_Declaration\_Assignment#page2.tif source=18267\_Declaration\_Assignment#page3.tif

PATENT 504974271 REEL: 046185 FRAME: 0468

Combined Declaration and Assignment					
Title of Invention	DC-DC CONVERTER AND LOAD-DRIVING SEMICONDUCTOR INTEGRATED CIRCUIT				
As the below	As the below named inventor, I hereby declare that:				
This declaration [X] The attached application, or is directed to:					
[ ] United States application or PCT international application numberfiled on					
The above-i	dentified application w	as made or authorized to be made b	y me.		
I believe that application.	t I am the original inve	ntor or an original joint inventor of a	claimed invention in the		
In consideration of value received, I sell and assign to MITSUMI ELECTRIC CO., LTD., having a business address at 2-11-2, Tsurumaki, Tama-shi, Tokyo, 206-8567, JAPAN, its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention, and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of intellectual property, including rights of priority, resulting from the filing of any of said applications.					
I authorize said Assignee to file and prosecute an application or applications for patent for said invention as the applicant, and I request any official whose duty it is to issue patents, to issue any patent on said invention to said Assignee.					
I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all 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.					
LEGAL NAME OF INVENTOR					
Heisuk	e NAKASHIMA	Hersate Nabashina	May 28, 2018		
Inventor	(printed name)				

Holtz, Holtz & Volek PC 630 Ninth Avenue, Suite 1010, New York, NY 10036-3744 Tel. (212) 319-4900 Fax. (212) 319-5101

> PATENT REEL: 046185 FRAME: 0469

Combined Declaration and Assignment						
Title of Invention	DC-DC CONVERTER AND LOAD-DRIVING SEMICONDUCTOR INTEGRATED CIRCUIT					
As the below	v named inventor, I he	reby declare that:	, , , , , , , , , , , , , , , , , , ,		Aler Anney Area Production Assessment	
This declaration [X] The attached application, or is directed to:						
io anobioa i	[ ] Unite	d States application er	or PCT internation	onal application	n	
The above-i	dentified application w	as made or authori	zed to be made b	y me.		
I believe tha application.	t I am the original inve	ntor or an original j	oint inventor of a	claimed inventi	ion in the	
In consideration of value received, I sell and assign to MITSUMI ELECTRIC CO., LTD., having a business address at 2-11-2, Tsurumaki, Tama-shi, Tokyo, 206-8567, JAPAN, its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention, and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of intellectual property, including rights of priority, resulting from the filing of any of said applications.						
I authorize said Assignee to file and prosecute an application or applications for patent for said invention as the applicant, and I request any official whose duty it is to issue patents, to issue any patent on said invention to said Assignee.						
I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all 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.						
LEGAL NAME OF INVENTOR						
Kenji	MITSUHIRA	38	亳沙	May	25,	2018
Invento	(printed name)					

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> PATENT REEL: 046185 FRAME: 0470

Combined Declaration and Assignment					
Title of Invention	DC-DC CONVERTINTEGRATED CI	TER AND LOAD-DRIVING SEMICONDUCTOR			
As the below named inventor, I hereby declare that:					
This declaration [X] The a is directed to:		ttached applica	tion, or		
	[ ] Unite	d States applica	ation or PCT internati	onal application	
The above-identified application was made or authorized to be made by me.					
I believe tha application.	t I am the original inve	ntor or an origin	nal joint inventor of a	claimed invention in the	
In consideration of value received, I sell and assign to MITSUMI ELECTRIC CO., LTD., having a business address at 2-11-2, Tsurumaki, Tama-shi, Tokyo, 206-8567, JAPAN, its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention, and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of intellectual property, including rights of priority, resulting from the filing of any of said applications.					
I authorize said Assignee to file and prosecute an application or applications for patent for said invention as the applicant, and I request any official whose duty it is to issue patents, to issue any patent on said invention to said Assignee.					
I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers; execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all 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.					
LEGAL NAME OF INVENTOR					
Fum	ihiro INOUE	井	生文裕	May 25, 2018	
Invento	(printed name)	Signature Date			

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**PATENT REEL: 046185 FRAME: 0471** 

**RECORDED: 06/22/2018**