## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6877158

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
AKIRA NAKAMORI	10/12/2018	

#### **RECEIVING PARTY DATA**

Name:	FUJI ELECTRIC CO., LTD.		
Street Address:	dress: 1-1 TANABESHINDEN, KAWASAKI-KU		
City:	KAWASAKI-SHI, KANAGAWA		
State/Country:	: JAPAN		
Postal Code:	210-9530		

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17332218

#### **CORRESPONDENCE DATA**

**Fax Number:** (202)434-1501

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:** 2024341500

**Email:** dbaldeh@s-n-h.com

Correspondent Name: STAAS AND HALSEY LLP
Address Line 1: 1201 NEW YORK AVE. N.W.

Address Line 2: SUITE 700

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	2599.1016
NAME OF SUBMITTER:	JOHN C. GARVEY
SIGNATURE:	/John C. Garvey/
DATE SIGNED:	08/23/2021

### **Total Attachments: 4**

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PATENT 506830338 REEL: 057253 FRAME: 0361

Invention	Proposal
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We hereby report the following invention.

Intellectual property	18P01030
reference number	

Date of proposal	October 12, 2018	
Title of the invention	on: POWER CONVERSIO	N DEVICE
Overview of the inv	rention:	
Technique of detect	ing timing for detecting c	urrent based on an input signal of a driver
IC in a device for	constantly detecting cur	rent flowing through a power device and
adjusting a drive ca	pability on a source side o	f the driver IC that drives the power device
according to the ma	agnitude of the current in	inverter and converter devices

## Confirmation and Consent Form (9):

Regarding the above contents, I confirm and consent to the following matters as the inventor, and affix a seal.

- · Regarding the share of this invention, I confirmed that the right to be granted a patent is originally attributed to the company to which I belong.
- · Regarding the share of this invention, in the case where the right to be granted a patent cannot originally be attributed to the company to which I belong (the right in foreign countries where no original attribute is recognized, the right related to inventions other than employee's inventions), I assign the right to the company.
- · In the case where other inventor(s) of this invention assign(s) his/her (their) share(s) to the company to which he/she (they) belong(s), I will agree to the assignment.
- · I have no objection to that the company to which I belong assigns the right related to this invention to other party based on the contract, etc.
- · I abide by the rules and regulations stipulated by the company to which I belong regarding the treatment, etc. related to the right pertaining to this invention

	Listed	Company to which	Department/	Extension	Employee	Name <sup>2</sup>	Share	Seal
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PATENT REEL: 057253 FRAME: 0362

order	I belong	position code		No.	(Full name in English spelled in the same way as the signature/nationality,		
					residence (in English))		
1	Fuji Electric Co., Ltd.	Device Development Dept.	6592	2106742	Akira Nakamori	100	
		Circuit/PIC Section					
2							
3							
4							
5							

PATENT REEL: 057253 FRAME: 0363 次の通り、発明を届け出ます。

18P01030 知財整理番号

提案日 2018年10月12日

発明の名称:電力変換装置

発明の概要:インパータ及びコンパータ装置において、パワーデバイスに流れる電流を常時検出し、その電流の大きさによって、パ ワーデバイスを駆動するドライバーICのソース側ドライブ能力を誘鰲する装置において、電流を検出するタイミングをドライバーIC の入力信号をもとに検出する技法。

確認審兼同意書(4):上記の内容に関し、下記の事項につき発明者として確認および同意のうえ、押印致します。

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288	所属会社	御署/照制コード	内線	证案员番号	氏 名 <sup>2</sup> (940-18 <b>2</b> 000-1878-18-1888-1888(((47)))	持分 (96)	80	
\$	富士電機株式会社	デバイス別 漁 部 国路·PIC課		2106742	中務 昭	109		
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RAME: 0364

# Verification

I, <u>Takao YAMAMURA</u> of <u>Tokyo</u>, <u>Japan</u>, do hereby certify that I am conversant with the English and Japanese languages and am a competent translator thereof, and I further certify that to the best of my knowledge and belief the following is a true and correct translation made by me of the document in the Japanese language attached hereto.

Signed this 5th day of August, 2021

Takao VAMAMIIRA

Jakan Jamamora

PATENT REEL: 057253 FRAME: 0365

**RECORDED: 08/23/2021**