

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4717802

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAKAHIRO MORI	12/01/2017
MASASHI AKAHANE	12/01/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FUJI ELECTRIC CO., LTD.
<b>Street Address:</b>	1-1 TANABESHINDEN, KAWASAKI-KU
<b>City:</b>	KAWASAKI-SHI, KANAGAWA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	210-9530
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15830830
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	EFox@s-n-h.com
<b>Correspondent Name:</b>	STAAS & HALSEY LLP
<b>Address Line 1:</b>	1201 NEW YORK AVENUE, N.W.
<b>Address Line 2:</b>	7TH FLOOR
<b>Address Line 4:</b>	WASHINGTON, D.C. 20005
<b>ATTORNEY DOCKET NUMBER:</b>	1639.1111
<b>NAME OF SUBMITTER:</b>	ALEXANDER P. SLAFKOSKY REG. NO. 73,821
<b>SIGNATURE:</b>	/Alexander P. Slafkosky/
<b>DATE SIGNED:</b>	12/05/2017
<b>Total Attachments: 1</b>	
source=Assignment#page1.tif	

# U.S. ASSIGNMENT

5411/14

IN CONSIDERATION of good and valuable consideration provided to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

**FUJI ELECTRIC CO., LTD.**  
**1-1 Tanabeshinden, Kawasaki-ku**  
**Kawasaki-shi, Kanagawa 210-9530 Japan**

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled  
(Title of Invention)

## VOLTAGE GENERATING CIRCUIT AND OVERCURRENT DETECTING CIRCUIT

relating to International Patent Application PCT/JP2016/083022 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on \_\_\_\_\_ (Insert date of execution of application, if not concurrent)

(b) filed on \_\_\_\_\_

Serial No.: \_\_\_\_\_

Any registered attorney or patent agent of STAAS & HALSEY LLP,  
1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005  
(202/434-1500) is hereby authorized to insert in (b) the specified  
data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue, reviews (including inter partes review, post grant review and covered business method review) or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) Takahiro Mori December 1, 2017  
Takahiro MORI

2) Masashi AKAHANE December 1, 2017  
Masashi AKAHANE