

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JIAN CHEN	09/26/2017
<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>	16699425
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)573-2514
<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>	(202)371-8976
<b>Email:</b>	firm@rabinberdo.com
<b>Correspondent Name:</b>	RABIN & BERDO, P.C.
<b>Address Line 1:</b>	2650 PARK TOWER DRIVE, SUITE 800
<b>Address Line 4:</b>	VIENNA, VIRGINIA 22180
<b>ATTORNEY DOCKET NUMBER:</b>	HAT-196BC
<b>NAME OF SUBMITTER:</b>	HUI ZHANG
<b>SIGNATURE:</b>	/Hui Zhang/
<b>DATE SIGNED:</b>	12/01/2020
<b>Total Attachments: 7</b>	
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**VERIFICATION OF TRANSLATION**

I, Kiyoshi Hattori, declare that:

1. I am a Japanese patent attorney who is knowledgeable and fluent in both the Japanese and English languages.
2. The attached are true, accurate, and complete translations of the Invention Proposal, Request for Patent and Receipt in connection with the priority application No. 2017-233888 from the Japanese language into the English language.

Date: November 24, 2020

Signature: /Kiyoshi Hattori/  
Kiyoshi Hattori

発明提案書

次の通り、発明を届け出ます。


知財整理番号 17P01185

提案日	2017年9月26日
発明の名称: スイッチング電源装置	
発明の概要: 電流共振型の DC-DC スイッチングコンバータを備えるスイッチング電源装置において、Cycle By Cycle 制御で負荷急変時応答性の改善を図る。	

確認書兼同意書<sup>(注)</sup>: 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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氏名 <sup>2</sup>	持分 (%)	印
陳 建 Jian Chen / Matsumoto, Nagano	100	陳

発明提案元コメント ( )	<input checked="" type="checkbox"/> 1. 職務発明 <input type="checkbox"/> 2. 業務発明・自由発明であるが職務発明と同様の取り扱いとする <input type="checkbox"/> 3. 業務発明・自由発明として、職務発明とは異なる取り扱いとする	提案元査印 
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## INVENTION PROPOSAL

IP Reference No.	17P01185
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Invention is as follows:

Proposal Date	September 26, 2017						
Title of Invention: Switching Power Supply Device							
Summary of Invention: In a switching power supply device with a current resonance-type DC-DC switching converter, cycle-by-cycle control is exercised to improve responsiveness to a sudden change in load.							
<p><b>Confirmation and Consent<sup>(9)</sup>:</b> With regard to the above information, I/we, the inventor(s), sign and seal below to confirm my/our acceptance and agreement to the conditions stated below.</p> <ul style="list-style-type: none"> <li>• With regard to the share in this invention, I/we hereby confirm that the right to obtain a patent shall originally belong to the company(ies) to which I/we belong.</li> <li>• With regard to the share in this invention, if the right to obtain a patent cannot originally belong to the company(ies) to which I/we belong (the right in a foreign country where initial ownership is not allowed, and the right related to inventions other than employee invention), I/we hereby assign the right to the company(ies) to which I/we belong.</li> <li>• In the case where another inventor of this invention assigns his/her share to the company to which he/she belongs, I/we hereby agree to the assignment.</li> <li>• I/We have no objection to the company(ies) to which I/we belong assigning the right to this invention to the third party under agreement or another.</li> <li>• I/We follow various regulations defined by the company to which I/we belong with respect to treatment and so on in respect of the right to this invention.</li> </ul>							
Order for listing	Company	Department/ Organization code	Extension	Employee No.	Name <sup>2</sup> (Full name in the same spelling as signature in English/Nationality, residence (in English))	Share (%)	Seal
1	Fuji Electric Co., Ltd.	San DDIC Department	6388	2113311	陳 建 Jian Chen/ Matsumoto, Nagano	100	
2							
3							
4							
5							
Invention Proposer's Comments ( )					Proposer's Approval Seal		
<input checked="" type="checkbox"/> 1. Employee invention <input type="checkbox"/> 2. Treat this invention in the same way as employee invention although the invention is a dependent or free invention. <input type="checkbox"/> 3. Treat this invention in a way different from employee invention because the invention is a dependent or free invention.							

【書類名】 特許願  
【整理番号】 17P01185  
【提出日】 平成29年12月 6日  
【あて先】 特許庁長官殿  
【国際特許分類】 H02M 3/28  
【発明者】  
【住所又は居所】 神奈川県川崎市川崎区田辺新田1番1号 富士電機株式会社内  
【氏名】 陳 建  
【特許出願人】  
【識別番号】 000005234  
【氏名又は名称】 富士電機株式会社  
【代理人】  
【識別番号】 100092152  
【弁理士】  
【氏名又は名称】 服部 毅巖  
【電話番号】 042-645-6644  
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【振替番号】 00004662  
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【物件名】 明細書 1  
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【物件名】 要約書 1  
【物件名】 図面 1  
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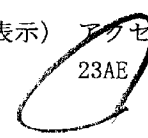
## 受領書

平成29年12月 6日  
特許庁長官

識別番号 100092152  
氏名(名称) 服部 毅巖 様

以下の書類を受領しました。

項番	書類名	整理番号	受付番号	提出日	出願番号通知(事件の表示)	アクセスコード
1	特許願	17P01185	51702549664	平29.12. 6	特願2017-233888	23AE
					以上	



[Title of Document] Request for Patent  
[Reference Number] 17P01185  
[Filing Date] December 6, 2017  
[Destination] To: Honorable Commissioner of  
the Patent Office  
[International Patent Classification]  
H02M 3/28  
[Inventor]  
[Address or Residence] c/o FUJI ELECTRIC CO., LTD.,  
1-1, Tanabeshinden, Kawasaki-ku, Kawasaki-shi,  
Kanagawa  
[Name] Jian CHEN  
[Applicant]  
[Identification Number] 000005234  
[Name or Firm Name] FUJI ELECTRIC CO., LTD.  
[Agent]  
[Identification Number] 100092152  
[Patent Attorney]  
[Name or Firm Name] Kiyoshi HATTORI  
[Phone] 042-645-6644  
[Indication of Payment of Fee]  
[Register Number for Prepayment]  
00004662  
[Amount of Fee] 14,000  
[List of Submitted Articles]  
[Article] Specification 1  
[Article] Scope of Claims for Patent 1  
[Article] Abstract 1  
[Article] Drawings 1  
[Number of General Power of Attorney]  
9607796



## RECEIPT

December 6, 2017  
Commissioner of the Patent Office

Identification No. 100092152  
Name (Firm Name) Kiyoshi HATTORI

Receipt of the following documents is acknowledged.

Item	Document name	Reference No.	Receipt No.	Filing date	Application No. (case identification)	Access code
1	Application for Patent	17P01185	51702549664	December 6, 2017	Japanese Patent Application 2017-233888	23AE