503718637 03/02/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3765278

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL A. DE ROOIJ	10/05/2015
JOHAN T. STRYDOM	09/22/2015
DAVID REUSCH	10/05/2015

RECEIVING PARTY DATA

Name:	EFFICIENT POWER CONVERSION CORPORATION
Street Address:	909 N. SEPULVEDA BLVD.
Internal Address:	SUITE 230
City:	EL SEGUNDO
State/Country:	CALIFORNIA
Postal Code:	90245

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14877613

CORRESPONDENCE DATA

Fax Number: (202)420-2201

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: 2024202200

Email: khoward@blankrome.com

Correspondent Name: BLANK ROME

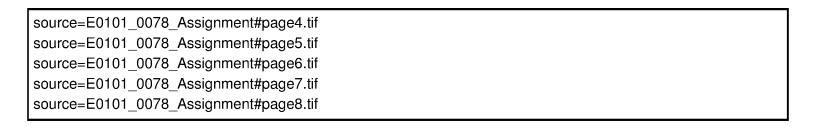
Address Line 1: 1825 EYE STREET, NW
Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	E0101.0078	
NAME OF SUBMITTER:	STEPHEN A. SOFFEN 31,063	
SIGNATURE:	/Stephen A. Soffen/	
DATE SIGNED:	03/02/2016	

Total Attachments: 8

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PATENT 503718637 REEL: 037874 FRAME: 0254



PATENT REEL: 037874 FRAME: 0255

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Michael A. De Rooij; Johan T. Strydom; and David C. Reusch (hereinafter referred to as Assignors), residing at 1253 E. Del Mar Way, Palm Springs, California 92262; 3303 Duke Court, Santa Clara, California 95051; and 619 Woodland Drive, Blacksburg, Virginia 24060, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in HIGH VOLTAGE ZERO QRR BOOTSTRAP SUPPLY, set forth in a Patent application for Letters Patent of the United States, already filed on October 7, 2015 as U.S. application No. 14/877,613; and

WHEREAS, Efficient Power Conversion Corporation, a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 909 N. Sepulveda Boulevard, Suite 230, El Segundo, California 90245 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property including all rights of priority, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

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E0101.0078 DSMDB-3376696 v1 AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

DICKSTEIN SHAPIRO LLP

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E0101.0078 DSMDB-3376696 v1 All practitioners at Customer Number 24998

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

	Michae	el Alidrew de Roolj
State of California)	
wh) ss.:	
*		
County of)	
On	, before me,	, personally
appeared	Michael Andrew de Rooij	, proved to me on the
basis of satisfactory evide	ence, to be the person(s) whose n	
the attached instrument and acknowledged to me that he/she/they executed the same		
	l capacity(ies), and that by his/he	
= ' '	or the entity upon behalf of whi	ch the person(s) acted,
executed the instrument.	The state of the s	
	No.	
WITNESS my hand and o		
	SEE ATTACH	e. KED:
	CERTIFICAT	E
	10/5/1	\$
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ALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Riverside

On <u>Cotobor</u> 5, 2015, before me, Dianne A. Krulitz, NOTARY PUBLIC, personally appeared <u>Prochael Condraw de Roojie</u>

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Sease (Signature of Notary Public)

PLACE NOTARY SEAL ABOVE

Document Title: (Optional) assignment by Inkenturs

PATENT REEL: 037874 FRAME: 0260

State of California)) ss.:	Jøhan Tjeerd Strydom NOTARY CERTIFICATE AT	9/22/2015 TACHED
County of)		
On	, before me,		, personally
appeared	Johan Tjeerd Strydom	, proved to	me on the
the attached instrument as in his/her/their authorized	nd acknowledged to me the capacity (ies), and that by	whose name(s) is/are subscribat he/she/they executed the his/her/their signature on the of which the person(s) acted	same he
WITNESS my hand and	official seal		

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

	\\```\``\``\\``\\`\\\\\\\\\\\\\\\\\\\\
A notary public or other officer completing this certificate document to which this certificate is attached, and not the	ate verifies only the identity of the individual who signed the he truthfulness, accuracy, or validity of that document.
State of California) County of Santa Clara) On SEPTEMBER 22, 2015 before me, Chuc Date personally appeared JOHAN TJEERI	Here Insert Name and Title of the Officer
who proved to me on the basis of satisfactory	evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknow	ledged to me that he/she/they executed the same in is/her/their signature(s) on the instrument the person(s).
	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
	WITNESS my hand and official seal.
CHUCK C. KIM NOTARY PUBLIC - CALIFORNIA COMMISSION # 2065418 SANTA CLARA COUNTY My Comm. Exp. May 21, 2018	Signature of Notary Public
Place Notary Seal Above	
Though this section is optional, completing this	TIONAL information can deter alteration of the document or form to an unintended document.
Description of Attached Document Title or Type of Document: ASSIGNMENT BY Number of Pages: Signer(s) Other Tha	INVENORS Document Date: 9-22-20/5 n Named Above: MICHAEL ANDREW DE ROOIS
Capacity(ies) Claimed by Signer(s) Signer's Name: JOHAN TJEERD STRY DOOM	DAVID CCAYTON REUSCH Signer's Name:
□ Corporate Officer — Title(s): □ Partner — □ Limited □ General ☑ Individual □ Attorney in Fact □ Trustee □ Guardian or Conservator □ Other: □ Signer Is Representing:	☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator
Signer is Representing:	Signer Is Representing:
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PATENT REEL: 037874 FRAME: 0262 David Clayton Reusch

State of California

) ss.:

County of

On School State of California

) ss.:

County of

On School State of California

) personally appeared David Clayton Reusch proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to in the attached instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

LINDA FAYE MOUNTCASSELL Commission Expires Apr. 30, 2019

My Commission Expires Apr. 30, 2019