504811104 03/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4857838

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW FRANK	06/14/2014
CHAN-CHIAO LIN	06/10/2014
PATRICK KAUFMAN	06/10/2014
SEAN FOUNTAIN	06/06/2014
BRAM BONSEN	06/10/2014

RECEIVING PARTY DATA

Name:	EFFICIENT DRIVETRAINS, INC.
Street Address:	1181 CADILLAC COURT
City:	MILPITAS
State/Country:	CALIFORNIA
Postal Code:	95035

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15915818

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: 415-902-8012
Email: spkaler@gmail.com

Correspondent Name: EFFICIENT DRIVE TRAINS, INC.

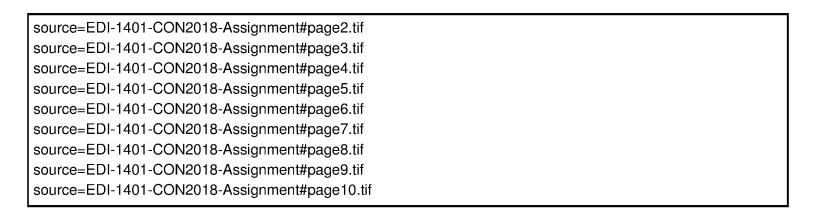
Address Line 1: 2040 16TH AVENUE

Address Line 4: SAN FRANCISCO, CALIFORNIA 94116

ATTORNEY DOCKET NUMBER:	EDI-1401-CON2018
NAME OF SUBMITTER:	STUART P. KALER
SIGNATURE:	/Stuart P. Kaler/
DATE SIGNED:	03/08/2018

Total Attachments: 10

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PATENT ASSIGNMENT MS Docket No.: EDI-1401

Page 1 of 2

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

Andran Ol Maril	j Simo 14, 2014
Inventor's Signature	Daté
Andrew Frank	ANDRENTA. FRANK
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I Chan-Chiao Lin ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VEHICLE WITH AC-TO-DC INVERTER SYSTEM FOR VEHICLE-TO-GRID POWER INTEGRATION" ("APPLICATION"), which:

MS Docket No.: EDI-1401

\boxtimes	will be filed. ASSIGN	OR hereby	authorizes,	and requests,
	ASSIGNEE'S legal represe	ntatives, of	Efficient Dri	vetrains, Inc., a
	Delaware company with	principle off	ices at 1702-	-L Meridian Ave
	#238, San Jose, CA 9512	5 (ASSIGNEE	e's legal ref	PRESENTATIVES),
	to insert here in parenthe	ses (filed or	າ	and
	given Application No.	*************************	by the	following Office
) this APPLICATION's App	lication No.,	filing date, a	nd Office, when
	known;			
П	was filed on	andwar	aivon Annlica	tion No
Li		and was	giveii applica	
	by the following Office "			».

Efficient Drivetrains, Inc., a Delaware company with principle offices at 1702-L Meridian Ave #238, San Jose, CA 95125, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office	
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Page 1 of 2

## PATENT ASSIGNMENT MS Docket No.: <u>EDI-1401</u>

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For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

hall	06/10/2014
Inventor's Signature	Date
Chan-Chiao Lin	
Printed Name in English	Printed Name in Native Language
	(if other than English)

# PATENT ASSIGNMENT MS Docket No.: EDI-1401

inventor of application e	subject matter ( entitled " <u>VEHICLE (</u>	"INVENTION") disclosed	inventor or an original join and/or claimed in a paten ER SYSTEM FOR VEHICLE-TO
	ASSIGNEE'S legal Delaware compan #238, San Jose, C to insert here in p given Application	ASSIGNOR hereby auth representatives, of Efficing with principle offices and ASSIGNEE'S LEGO arentheses (filed on	ent Drivetrains, Inc., a t 1702–L Meridian Ave GAL REPRESENTATIVES), and by the following Office
		and was given Office "	
Meridian Ave assigns ("AS exclusive rigl the APPLICAT continuing ap	e #238, San Jose, SIGNEE"), is entiti hts, title and intere FION (and all othe pplications, in who	CA 95125, on behalf of ed to, and is desirous est, including the right of er applications and paten	th principle offices at 1702-itself and its successors and of acquiring, the entire and priority, in the INVENTION and ts derived therefrom, such a le United States, its territories
	TIVES to insert tl		uests, ASSIGNEE'S LEGA g date, and Office into the nev are known:
Application N		Filing Date	Office
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Page 1 of 2

### PATENT ASSIGNMENT

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MS Docket No.: EDI-1401

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

Btrick Kanforen	6/10/14
Inventor's Signature	Date
Patrick Kaufman	
Printed Name in English	Printed Name in Native Language
	(if other than English)

# PATENT ASSIGNMENT MS Docket No.: EDI-1401

I Sean Fountain ("ASSIC inventor of subject matter ( application entitled <u>"VEHICLE (</u> GRID POWER INTEGRATION" ("A	"INVENTION") disclosed WITH AC-TO-DC INVERTE	·
ASSIGNEE'S legal Delaware compan #238, San Jose, C to insert here in p given Application	ASSIGNOR hereby auth representatives, of Effici y with principle offices a EA 95125 (ASSIGNEE'S LEGO arentheses (filed on	ent Drivetrains, Inc., a t 1702–L Meridian Ave GAL REPRESENTATIVES),and by the following Office
	and was given	
Efficient Drivetrains, Inc. Meridian Ave #238, San Jose, assigns ("ASSIGNEE"), is entitle exclusive rights, title and interest the APPLICATION (and all other continuing applications, in who and all foreign countries ("APPL	CA 95125, on behalf of ed to, and is desirous est, including the right of applications and patentie or in part, in and for the	of acquiring, the entire and priority, in the INVENTION and ts derived therefrom, such as
ASSIGNOR hereby a REPRESENTATIVES to insert the following table for any APPLICA	ne Application No., filin	•
Application No.	Filing Date	Office

PATEN'	T ASSIC	NMEN	T	MS	Docket	No.:	EDI-1401
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For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

Sen Contain	6/6/2014	
Inventor's Signature	Date	
Sean Fountain		
Printed Name in English	Printed Name in Nativ (if other than English)	

MS Docket No.: EDI-1401 PATENT ASSIGNMENT I Bram Bonsen ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VEHICLE WITH AC-TO-DC INVERTER SYSTEM FOR VEHICLE-TO-GRID POWER INTEGRATION" ("APPLICATION"), which: ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Efficient Drivetrains, Inc., a Delaware company with principle offices at 1702-L Meridian Ave #238, San Jose, CA 95125 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on ______ and given Application No. _______ by the following Office ) this APPLICATION's Application No., filing date, and Office, when known; was filed on _____ and was given Application No by the following Office "_______": Efficient Drivetrains, Inc., a Delaware company with principle offices at 1702-L Meridian Ave #238, San Jose, CA 95125, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); ASSIGNEE'S LEGAL requests, hereby and authorizes, ASSIGNOR REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known: Application No. Filing Date Office

Page 1 of 2

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T	MS Docket No.:	EDI-1401
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For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

	6/10/2014
Inventor's Signature	Date
Bram Bonsen	
Printed Name in English	Printed Name in Native Language (if other than English)