PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2647088

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW FRANK	12/12/2013
CHAN-CHIAO LIN	12/12/2013
PATRICK KAUFMAN	12/12/2013

RECEIVING PARTY DATA

Name:	EFFICIENT DRIVETRAINS, INC.
Street Address:	319 RAMONA STREET
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94301

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14104891

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	EDI-1301CIP
NAME OF SUBMITTER:	STUART P. KALER
Signature:	/Stuart P. Kaler/
Date:	12/12/2013 PATENT

502600771 REEL: 031775 FRAME: 0582

OP \$40,00 1410489

Total Attachments: 4

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PATENT REEL: 031775 FRAME: 0583

PATENT ASSIGNMENT

Attorney Docket No.: EDI-1301CIP

Invention: POWERTRAIN

CONFIGURATIONS FOR SINGLE-MOTOR, TWO-CLUTCH HYBRID ELECTRIC VEHICLES

I/WE, Andrew Frank, Chan-Chiao Lin, Patrick Kaufman ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "POWERTRAIN CONFIGURATIONS FOR SINGLE-MOTOR, TWO-CLUTCH HYBRID ELECTRIC VEHICLES" ("APPLICATION"):

	will be filed without this executed PATENT ASSIGNMENT.
	was filed on and was given Application No
X	is filed concurrently herewith:

Efficient Drivetrains Inc., a Delaware Corporation, 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

PATENT ASSIGNMENT Attorney Docket No.: EDI-1301CIP

Invention: POWERTRAIN

CONFIGURATIONS FOR SINGLE-MOTOR, TWO-CLUTCH HYBRID ELECTRIC VEHICLES

Inventor's Signature	Date
Andrew Frank	
Printed Name in English	Printed Name in Native Language (if other than English)
h/M/m	12/12/2012
Inventor's Signature	Date
Chan-Chiao Lin	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Patrick Kaufman	
Printed Name in English	Printed Name in Native Language (if

PATENT ASSIGNMENT

Attorney Docket No.: EDI-1301CIP

Invention: POWERTRAIN

CONFIGURATIONS FOR SINGLE-MOTOR, TWO-CLUTCH HYBRID ELECTRIC VEHICLES

andrew Frank	12/12/12
Inventor's Signature	Date Date
_Andrew Frank	
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Inventor's Signature	Date
Chan-Chiao Lin	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Patrick Kaufman	
Printed Name in English	Printed Name in Native Language (if other than English)

Page 2 of 2

PATENT ASSIGNMENT

Attorney Docket No.: EDI-1301CJP

Invention: POWERTRAIN

CONFIGURATIONS FOR SINGLE-MOTOR, TWO-CLUTCH HYBRID ELECTRIC VEHICLES

Inventor's Signature	Date
Andrew Frank	
Printed Name in English	Printed Name in Native Language (If other than English)
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Inventor's Signature	Date
Chan-Chiao Lin	
Printed Name in English	Printed Name in Native Language (If other than English)
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Inventor's Signature	Date -

Printed Name in Native Language (If

other than English)

Printed Name in English