505770317 11/13/2019

EPAS ID: PAT5817133

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID LAWRENCE	10/28/2019
ETHAN E BAYER	11/07/2019
WILLIAM P ATTARD	10/30/2019
SHU WANG	10/30/2019

RECEIVING PARTY DATA

Name:	FCA US LLC
Street Address:	1000 CHRYSLER DRIVE
City:	AUBURN HILLS
State/Country:	MICHIGAN
Postal Code:	48326

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16681354

CORRESPONDENCE DATA

Fax Number: (248)944-6537

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: 2489446500

Email: chris.davenport@fcagroup.com

Correspondent Name: FCA US LLC

Address Line 1: 800 CHRYSLER DRIVE

Address Line 2: 483-02-19

Address Line 4: AUBURN HILLS, MICHIGAN 48326

ATTORNEY DOCKET NUMBER:	710922US2
NAME OF SUBMITTER:	RALPH E SMITH
SIGNATURE:	/Ralph E Smith/
DATE SIGNED:	11/13/2019

Total Attachments: 2

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PATENT 505770317 REEL: 050990 FRAME: 0500

ASSIGNMENT

We, David Lawrence of Lake Orion, Oakland County, MI
Ethan E. Bayer of Lake Orion, Oakland County, MI
William P. Attard of Brighton, Livingston County, MI
Shu Wang of Rochester Hills, Oakland County, MI

have invented a new and useful process, machine, manufacture, composition of matter, or an improvement thereof, entitled:

DIFFERENTIAL PRESSURE VALVE BASED BOOST DEVICE INLET PRESSURE OPTIMIZATION

for which we have executed an application for Letters Patent of the United States on 10-28-19:10-20-199:11-7-19.

FCA US LLC, a Delaware limited liability company having its principal place of business at Auburn Hills, Michigan, desires to acquire the entire right, title, and interest in the invention and under the Letters Patent, and similar protection to be obtained, worldwide.

In consideration of the payment by FCA US LLC to us of the sum of \$1.00 and other good and valuable consideration, receipt being acknowledged, we sell, assign, and transfer unto FCA US LLC, our full and entire right, title, and interest in the invention worldwide and to any provisional application and all Letters Patent or similar legal protection to be obtained for the invention worldwide by the application or any continuation, division, renewal, substitute, re-examination, reissue, or any legal equivalent, for the full term or terms that may be granted.

We warrant that we have the right to sell, assign, and transfer our full and entire right, title, and interest in the invention and that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that will conflict with this sale, assignment, and transfer.

We further agree to communicate to FCA US LLC or its representatives, any facts known to us respecting the invention, testify in any legal proceedings relating to the invention when called upon, and sign all instruments and documents and render such assistance which, in the judgment of FCA US LLC, is necessary to vest in it and protect the legal right, title, and interest assigned in this Assignment.

This Assignment will be binding on our heirs and legal representatives.

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David)Lawrence

Date 10/26/19

Éthan E. Baye

Date //-

William P. Attard

Date 10 30 2019

Shu Wang

Date 10/30/19