

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7076806

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NANDISH CALCHAND	11/05/2021
STEIN SLOOTMAEKERS	11/09/2021
PETER BOON	11/07/2021
RECEIVING PARTY DATA	
Name:	DRIV AUTOMOTIVE INC.
Street Address:	27300 WEST ELEVEN MILE ROAD
City:	SOUTHFIELD
State/Country:	MICHIGAN
Postal Code:	48034
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17499581
CORRESPONDENCE DATA	
Fax Number:	(248)641-0270
<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>	
Phone:	248.641.1222
Email:	troymailroom@hdp.com, madams@hdp.com
Correspondent Name:	HARNESS, DICKEY & PIERCE, P.L.C.
Address Line 1:	5445 CORPORATE DRIVE
Address Line 2:	SUITE 200
Address Line 4:	TROY, MICHIGAN 48098
ATTORNEY DOCKET NUMBER:	1316N-001845-US
NAME OF SUBMITTER:	MICHELLE A. ADAMS
SIGNATURE:	/Michelle A. Adams/
DATE SIGNED:	12/16/2021
Total Attachments: 7	
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source=Summary#page3.tif	

source=Summary#page4.tif

source=Summary#page5.tif

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Certificate Of Completion

Envelope Id: 5C47683B36DB427985AF02BE8677EA0B Status: Completed
 Subject: Copy of DocuSign: Signatures Requested - HDP Ref. 1316N-001845-US; DRiV Ref. AS4-10237US01
 Source Envelope:
 Document Pages: 89 Signatures: 6 Envelope Originator:
 Certificate Pages: 5 Initials: 0 Michelle Adams
 AutoNav: Enabled madams@hdp.com
 Envelopeld Stamping: Enabled IP Address: 65.183.161.130
 Time Zone: (UTC-05:00) Eastern Time (US & Canada)

Record Tracking

Status: Original Holder: Michelle Adams Location: DocuSign
 11/5/2021 4:30:01 PM madams@hdp.com

Signer Events

Nandish Calchand
 NCalchand@driv.com
 Security Level: Email, Account Authentication
 (None)

Signature



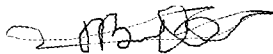
Signature Adoption: Uploaded Signature Image
 Using IP Address: 147.161.166.122

Timestamp

Sent: 11/5/2021 4:36:28 PM
 Viewed: 11/5/2021 5:38:24 PM
 Signed: 11/5/2021 5:39:34 PM

Electronic Record and Signature Disclosure:
 Accepted: 7/22/2021 5:03:25 AM
 ID: 76b5be5a-12d0-42bf-9308-64f00e833067

Peter Boon
 Peter.Boon@driv.com
 Security Level: Email, Account Authentication
 (None)



Signature Adoption: Drawn on Device
 Using IP Address: 165.225.12.95

Sent: 11/5/2021 4:36:29 PM
 Viewed: 11/7/2021 1:37:59 PM
 Signed: 11/7/2021 1:38:19 PM

Electronic Record and Signature Disclosure:
 Accepted: 6/28/2021 5:01:31 PM
 ID: a20045a5-b9a6-4d6d-9567-5e6e86fcd114

Stein Slotmaekers
 SSlotmaekers@driv.com
 Security Level: Email, Account Authentication
 (None)



Signature Adoption: Drawn on Device
 Using IP Address: 165.225.80.237

Sent: 11/5/2021 4:36:28 PM
 Viewed: 11/9/2021 4:54:04 AM
 Signed: 11/9/2021 4:54:34 AM

Electronic Record and Signature Disclosure:
 Accepted: 9/11/2021 4:10:26 AM
 ID: 080fa9d9-c31a-4155-9bb1-b2eb6b580806

In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp

Carbon Copy Events	Status	Timestamp
<p>Don Walker dgwalker@HDP.com Security Level: Email, Account Authentication (None)</p> <p>Electronic Record and Signature Disclosure: Accepted: 6/28/2021 7:09:29 AM ID: 40ecea33-cb6d-4db5-a4b6-173aadaa8825</p>	<div style="border: 1px dashed black; padding: 5px; width: fit-content; margin: 0 auto;">COPIED</div>	<p>Sent: 11/5/2021 4:36:29 PM</p>
<p>Michelle Adams madams@hdp.com Security Level: Email, Account Authentication (None)</p> <p>Electronic Record and Signature Disclosure: Not Offered via DocuSign</p>	<div style="border: 1px dashed black; padding: 5px; width: fit-content; margin: 0 auto;">COPIED</div>	<p>Sent: 11/5/2021 4:36:29 PM Resent: 11/9/2021 4:54:39 AM</p>
<p>Pete Mattei PMattei@driv.com Associate General Counsel Tenneco Automotive Operating Company Inc. Security Level: Email, Account Authentication (None)</p> <p>Electronic Record and Signature Disclosure: Accepted: 6/25/2021 4:23:17 PM ID: 90a63ef2-ca39-4a6e-85a6-65c11ddee76a</p>	<div style="border: 1px dashed black; padding: 5px; width: fit-content; margin: 0 auto;">COPIED</div>	<p>Sent: 11/5/2021 4:36:30 PM</p>
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	11/5/2021 4:36:30 PM
Certified Delivered	Security Checked	11/9/2021 4:54:04 AM
Signing Complete	Security Checked	11/9/2021 4:54:34 AM
Completed	Security Checked	11/9/2021 4:54:34 AM
Payment Events	Status	Timestamps
Electronic Record and Signature Disclosure		

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ASSIGNMENT

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

VALVE DIAGNOSTICS SYSTEMS AND METHODS

for which Assignor is about to make or has made United States or International application for patent

- (a) executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration);
- (b) executed on _____, _____; or
- (c) filed on October 12, 2021, and assigned Serial No. 17/499,581 or PCT International Application No. _____; and

WHEREAS, DRiV Automotive Inc., 27300 West Eleven Mile Road, Southfield, MI 48034, hereinafter referred to as Assignee, is desirous of acquiring all right, title, and interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

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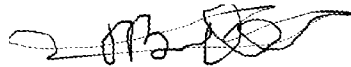
Nandish CALCHAND
November 5, 2021

Dated



Stein SLOOTMAEKERS
november 9, 2021

Dated



Peter BOON
November 7, 2021

Dated