

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| MATTHEW DONALD BERKEMEIER | 08/26/2019 |
| XIN YU | 08/15/2019 |
| DANNY BYNUM | 08/20/2019 |
| JULIEN IP | 08/15/2019 |
| KYLE P CARPENTER | 08/15/2019 |
| EDUARDO LLANOS | 08/15/2019 |
| DHIREN VERMA | 08/17/2019 |
| RECEIVING PARTY DATA | |
| Name: | CONTINENTAL AUTOMOTIVE SYSTEMS, INC. |
| Street Address: | 1 CONTINENTAL DRIVE |
| City: | AUBURN HILLS |
| State/Country: | MICHIGAN |
| Postal Code: | 48326 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16530931 |
| CORRESPONDENCE DATA | |
| Fax Number: | (248)393-5831 |
| <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> | |
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| Correspondent Name: | CONTINENTAL AUTOMOTIVE SYSTEMS, INC. |
| Address Line 1: | ONE CONTINENTAL DRIVE |
| Address Line 2: | LEGAL DEPARTMENT - INTELLECTUAL PROPERTY |
| Address Line 4: | AUBURN HILLS, MICHIGAN 48326-1581 |
| ATTORNEY DOCKET NUMBER: | 2018P05521 US01 |
| NAME OF SUBMITTER: | CINDY BERNGES |
| SIGNATURE: | /Cindy Bernges/ |
| DATE SIGNED: | 09/06/2019 |

PATENT

Total Attachments: 2

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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **MATTHEW DONALD BERKEMEIER**, Beverly Hills, MI; **XIN YU**, Wuhu - Jiujiang, China; **DANNY BYNUM**, Lake Orion, MI; **JULIEN IP**, Madison Heights, MI; **KYLE P CARPENTER**, Rochester, MI; **EDUARDO LLANOS**, Auburn Hills, MI; **DHIREN VERMA**, Farmington Hills, MI, do hereby sell, assign and transfer, unto Continental Automotive Systems, Inc., a corporation of the State of Delaware, having its principal office in One Continental Drive, Auburn Hills, 48326, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in

**AUTOMATED REVERSING BY FOLLOWING USER-SELECTED TRAJECTORIES AND
ESTIMATING VEHICLE MOTION**

described, illustrated and claimed in an application for Letters Patent of the United States of America, Docket No. **2018P05521 US01 (AH)**, executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof, including the right to collect damages from any past infringement of such Letters Patent.

We hereby also sell, assign and transfer unto Continental Automotive Systems, Inc., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize Continental Automotive Systems, Inc., to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to Continental Automotive Systems, Inc., for the sole use and benefit of Continental Automotive Systems, Inc., its successors, assigns and legal representatives, to the full end of the term for which any Letters Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to Continental Automotive Systems, Inc..

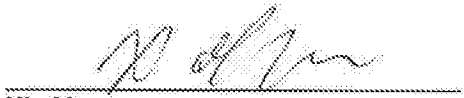
We agree that, when requested, we will, without charge to Continental Automotive Systems, Inc., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary,

and for vesting title thereto in Continental Automotive Systems, Inc., its successors, assigns and legal representatives or nominees.

We covenant with Continental Automotive Systems, Inc., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.


Matthew Donald Berkemeier

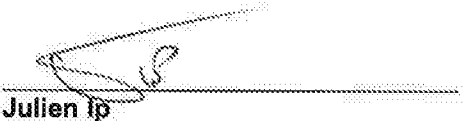
08/26/2019
Date (MM/DD/YYYY)


Xin Yu

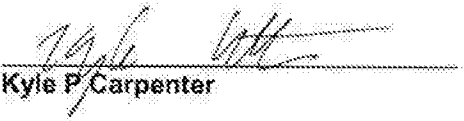
8/15/2019
Date (MM/DD/YYYY)


Danny Bynum

Aug 29 2019
Date (MM/DD/YYYY)


Julien Ip

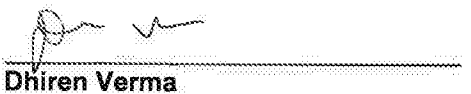
08/15/2019
Date (MM/DD/YYYY)


Kyle P. Carpenter

08/15/2019
Date (MM/DD/YYYY)


Eduardo Llanos

08/15/2019
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Dhiren Verma

08/27/2019
Date (MM/DD/YYYY)