

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| HARSHWARDHAN D. KARVE | 07/31/2019 |
| TEJAS M. VARUNJIKAR | 07/31/2019 |
| RECEIVING PARTY DATA | |
| Name: | STEERING SOLUTIONS IP HOLDING CORPORATION |
| Street Address: | 3900 HOLLAND RD. |
| City: | SAGINAW |
| State/Country: | MICHIGAN |
| Postal Code: | 48601 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16527774 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | 88610-03588 (N000962US) |
| NAME OF SUBMITTER: | SCOTT A. MCBAIN |
| SIGNATURE: | /SCOTTAMcBAIN/ |
| DATE SIGNED: | 07/31/2019 |
| This document serves as an Oath/Declaration (37 CFR 1.63). | |
| Total Attachments: 2 | |
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| source=Combined_ASSGN#page2.tif | |

ASSIGNMENT

WHEREAS, We, **Harshwardhan D. Karve, residing at 35205 Emma Circle, Commerce Township, MI 48390 and Tejas M. Varunjikar residing at 3878 Sandpiper Drive, Troy, MI 48083** respectively ("Assignors"), have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled **STEER-BY-WIRE SYSTEM**, for which an application for a United States Letters Patent was filed on July 31, 2019 having Serial No. 16/527,774.

AND WHEREAS, **STEERING SOLUTIONS IP HOLDING CORPORATION**, a corporation organized under the laws of the State of Delaware, USA, and having a place of business at 3900 Holland Rd., Saginaw, MI 48601 ("Assignee") is desirous of acquiring the entire right, title and interest in and to said invention and in any and all Letters Patent of the United States and foreign countries which may be obtained therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to the Invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for the Invention;

UPON SAID CONSIDERATIONS, Assignor hereby agrees with the Assignee that Assignor will not execute any writing or do any act whatsoever conflicting with these presents, and that Assignor will, at any time upon request, without further or additional consideration but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on the Invention, and in enforcing any rights in any action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;

AND Assignor requests the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for the Invention to the Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the Invention covered thereby.

07/31/2019
Date


HARSHWARDHAN D. KARVE

Date
Troy 88610-3588 2605421v1

TEJAS M. VARUNJIKAR

ASSIGNMENT

WHEREAS, We, Harshwardhan D. Karve, residing at 35205 Emma Circle, Commerce Township, MI 48390 and Tejas M. Varunjikar residing at 3878 Sandpiper Drive, Troy, MI 48083 respectively ("Assignors"), have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled **STEER-BY-WIRE SYSTEM**, for which an application for a United States Letters Patent was filed on July 31, 2019 having Serial No. 16/527,774.

AND WHEREAS, **STEERING SOLUTIONS IP HOLDING CORPORATION**, a corporation organized under the laws of the State of Delaware, USA, and having a place of business at 3900 Holland Rd., Saginaw, MI 48601 ("Assignee") is desirous of acquiring the entire right, title and interest in and to said invention and in any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to the Invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for the Invention;

UPON SAID CONSIDERATIONS, Assignor hereby agrees with the Assignee that Assignor will not execute any writing or do any act whatsoever conflicting with these presents, and that Assignor will, at any time upon request, without further or additional consideration but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on the Invention, and in enforcing any rights in any action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;


AND Assignor requests the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for the Invention to the Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the Invention covered thereby.

Date

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HARSHWARDHAN D. KARVE



TEJAS M. VARUNJIKAR