

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6045885

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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                                  |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                                      |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                                 |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                           |
| QH HAN                                                                                                                                                                                          | 09/25/2019                                      |
| JORDAN BRAUER                                                                                                                                                                                   | 09/22/2019                                      |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                                 |
| <b>Name:</b>                                                                                                                                                                                    | VEONEER US, INC.                                |
| <b>Street Address:</b>                                                                                                                                                                          | 26545 AMERICAN DRIVE                            |
| <b>City:</b>                                                                                                                                                                                    | SOUTHFIELD                                      |
| <b>State/Country:</b>                                                                                                                                                                           | MICHIGAN                                        |
| <b>Postal Code:</b>                                                                                                                                                                             | 48034                                           |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                                 |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                                   |
| <b>Application Number:</b>                                                                                                                                                                      | 16587231                                        |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                                 |
| <b>Fax Number:</b>                                                                                                                                                                              | (617)345-3299                                   |
| <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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| <b>Email:</b>                                                                                                                                                                                   | dcasalvera@burnslev.com, docketing@burnslev.com |
| <b>Correspondent Name:</b>                                                                                                                                                                      | BURNS & LEVINSON LLP                            |
| <b>Address Line 1:</b>                                                                                                                                                                          | 125 HIGH STREET                                 |
| <b>Address Line 4:</b>                                                                                                                                                                          | BOSTON, MASSACHUSETTS 02110                     |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | VNR-0063US                                      |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | STEVEN M. MILLS                                 |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /STEVEN M. MILLS/                               |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 04/03/2020                                      |
| <b>Total Attachments: 4</b>                                                                                                                                                                     |                                                 |
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## ASSIGNMENT

WHEREAS, we, **Qh Han and Jordan Brauer** have invented certain new and useful

### DETECTION SYSTEM AND METHOD FOR CHARACTERIZING TARGETS

described in a U.S. non-provisional patent application,

**U.S. Serial No.: 16/587,231 filed September 30, 2019**

(in the event that the execution date, filing date and/or Serial No. of said application are not entered above at the time we execute this document, and if such information is deemed necessary, we hereby authorize and request the attorneys at Burns & Levinson LLP, 125 High Street, Boston, Massachusetts 02110, USA, to insert above the execution date, filing date and/or Serial No. of said application, when known) for which we are about to make or have made application for Letters Patent of the United States; and

WHEREAS, **Veoneer US, Inc.**, a corporation having a usual place of business at 26545 American Drive, Southfield, MI 48034, is desirous of acquiring all rights, title and interests in and to said invention, said application, and in and to any and all Letters Patent which may be granted for or upon said invention and application in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we **Qh Han and Jordan Brauer** have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the **Veoneer US, Inc.**, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in said application prepared and executed by us preparatory to obtaining Letters Patent of the United States therefore;
- (b) said application;
- (c) any and all refilings, divisions, continuations, continuations-in-part, and nonprovisional applications related to said application;


- (d) any and all Letters Patent of the United States of America which may issue from said applications, refilings, divisions, continuations, continuations-in-part and nonprovisional applications;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions and continuations of said foreign-filed applications;
- (h) all claims, causes of action and damages for past infringement, if any, of said application;
- (i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and
- (j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

We, **Qh Han and Jordan Brauer** further agree that upon request we will provide promptly all pertinent facts and documents relating to said invention, said application, said Letters Patent and legal equivalents, and said refilings, divisions, continuations, continuations-in-part, and non-provisional applications as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to **Veoneer US, Inc.**, or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention, said Letters Patent, said equivalents thereof, and said refilings, divisions, continuations, continuations-in-part, and non-provisional applications which may be necessary or desirable to carry out the purposes thereof.

ALL of the above shall be held and enjoyed by said **Veoneer US, Inc.**, for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor's Signature:



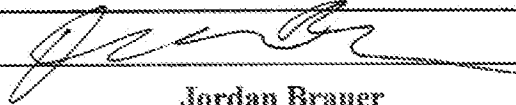
Qh Han

09/25/2019

Date

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor's Signature:



Jordan Brauer

09/22/2019

Date