

## PATENT ASSIGNMENT COVER SHEET

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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>
ZHENHUA ZHANG	09/08/2020
BRUCE BERNHARDT	09/13/2020
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<b>Postal Code:</b>	5611 ZT
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17095521
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<b>SIGNATURE:</b>	/Khouane Ditthavong/
<b>DATE SIGNED:</b>	11/12/2020
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

I/we, (The ASSIGNOR(S)):

**Zhenhua Zhang  
Bruce Bernhardt**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, hereby assign to (hereafter referred to as The ASSIGNEE):

HERE Global B.V.  
Kennedyplein 222  
5611 ZT Eindhoven  
Netherlands

An invention entitled (invention Title):

**METHOD, APPARATUS, AND SYSTEM FOR DETECTING ROAD INCIDENTS**

The PATENT RIGHTS referred to in this agreement are:

- a national Patent Application No. \_\_\_\_\_ filed on \_\_\_\_\_
- European Patent Application No. \_\_\_\_\_ filed on \_\_\_\_\_
- PCT application No. \_\_\_\_\_ filed on \_\_\_\_\_

for this invention, executed by the ASSIGNOR(S)

- U.S. Patent Application Serial No. 17/095,521 filed November 11, 2020
- U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_

The PATENT RIGHTS assigned under this agreement are:

- U.S. Patent rights
- worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any Patent Application identified above.
- the full and exclusive right to the invention;

The PATENT RIGHTS assigned under this agreement are:

- U.S. Patent rights
- worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any Patent Application identified above.
- the full and exclusive right to the invention;

The ASSIGNOR(S) do hereby assign the following to each ASSIGNEE; their successors and assigns:

an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention, all continuations, continuations-in-part, divisionals, re-issues, and re-examination patents and patent applications; and  
 the right to claim priority under 35 U.S.C. § 119, based on any earlier foreign applications for this invention.

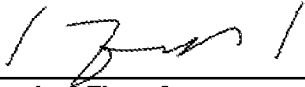
As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(S), their successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE(S), or their representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(S), their successors and assigns, to obtain and enforced proper protection for said invention.

Further, I/We authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

Each Inventor: Please sign and date below:

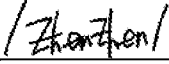
HN91593



\_\_\_\_\_  
[Zhenhua Zhang]

\_\_\_\_\_  
Sept. 8 2020

Date



\_\_\_\_\_  
Witness Signature

Printed Name Zhenzhen Yan

\_\_\_\_\_  
Sept. 8 2020

Date

Bruce A. Bernhardt  
[Bruce Bernhardt]

9/13/2020  
Date

Meredith A. Bernhardt  
Witness Signature  
Printed Name Meredith A. Bernhardt

9/13/20  
Date