

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID JOHNSTON LAWLOR	05/13/2019
ANISH MITTAL	05/13/2019
NIRANJAN KOTHA	05/13/2019
JEFF CONNELL	05/15/2019
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Postal Code:	5611 ZT
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Property Type	Number
Application Number:	16414491
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ATTORNEY DOCKET NUMBER:	P9126US00
NAME OF SUBMITTER:	KHOUANE DITTHAVONG
SIGNATURE:	/Khouane Ditthavong/
DATE SIGNED:	05/17/2019
Total Attachments: 5	
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PATENT

REEL: 049214 FRAME: 0818

ASSIGNMENT

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

David Johnston Lawlor
 Anish Mittal
 Niranjana Kotha
 Jeff Connell

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 -226
 5611 ZT Eindhoven
 Netherlands

An invention entitled (Invention Title):

METHOD, APPARATUS, AND SYSTEM FOR ESTIMATING THE QUALITY OF CAMERA POSE DATA USING GROUND CONTROL POINTS OF KNOWN QUALITY

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. 16/414,491 filed May 16, 2019
 -- 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.

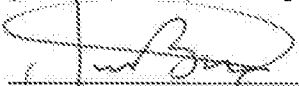
Further, I/We authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

Each Inventor: Please sign and date below:

HN91030


[David Johnston Lawlor]

5/13/19
Date


Witness Signature
Printed Name Justice Ballentine

5/13/2019
Date

HN91030



[Anish Mittal]



Witness Signature

Printed Name Zhenwei Chen

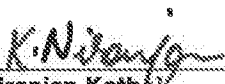
5/13/2019

Date

5/13/2019

Date

HN91030


[Niranjan Kothari]

5/13/2019

Date


Witness Signature
Printed Name Anish Mittal

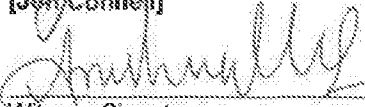
5/13/2019

Date

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[Jon Connell]

5/15/19
Date


Witness Signature

5/15/19
Date

Printed Name ANISH MITTAL