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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES FOWE	06/26/2015
PIOTR KNAP	06/29/2015
INDU KODALI	06/26/2015

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14755927

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ATTORNEY DOCKET NUMBER: 064359/464352 **GUY R. GOSNELL** NAME OF SUBMITTER: SIGNATURE: /Guy R. Gosnell/ **DATE SIGNED:** 08/02/2016

Total Attachments: 2

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> **PATENT** REEL: 039316 FRAME: 0434 503942193

ASSIGNMENT - WORLDWIDE

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

James Fowe Piotr Knap Indu Kodali

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. De Run 1115 Veldhoven 5503 LB The Netherlands

An invention entitled (invention Title):

METHOD AND APPARATUS FOR IDENTIFYING A BI-MODALITY CONDITION UPSTREAM OF DIVERGING ROAD SEGMENTS

The PATE	NT RIGHTS referred to in this agreemer	it are:	
_	a national Pate	national Patent Application No.	
	European Patent Application No.	filed on	
-	PCT application No.	filed on	
for this inve X	ention, executed by the ASSIGNOR(S) U.S. Patent Application Serial No.	14/756 927, filed	6/30/2015
-	U.S. Patent No.	, issued	
The PATE	NT RIGHTS assigned under this agreen	nent are:	
<u>X</u>	U.S. Patent rights		
<u>X</u> X	worldwide Patent rights. In this case	e, the assignee shall have	the right to claim the
	benefit of the filing date of any Pater	nt Application identified al	oove.

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

the full and exclusive right to the invention;

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 caths and generally do everything necessary or desirable to ald said ASSIGNEE(S), their successors and assigns, to obtain and enforced proper protection for said invention.

PATENT REEL: 039316 FRAME: 0435

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

Each Inventor: Please sign and date below:

James Fowe

Witness Signature Ji 11-1 W &

Piotr Knap

Witness Signature

Indu Kodali

Jingwei XA Witness Signature Printed Name Jingwe

PATENT REEL: 039316 FRAME: 0436

RECORDED: 08/02/2016