504819536 03/14/2018

EPAS ID: PAT4866271

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN HARRIS	02/02/2015
LEO MODICA	01/29/2015
BRIAN MOORE	02/02/2015
PAUL STEPHENS	02/02/2015

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15920067

CORRESPONDENCE DATA

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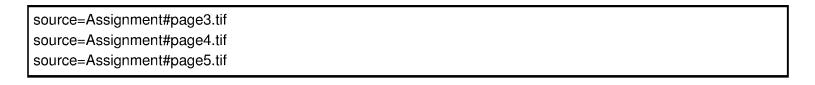
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ATTORNEY DOCKET NUMBER:	10171-14053C
NAME OF SUBMITTER:	SHAUN B. HAWKINSON
SIGNATURE:	/Shaun B. Hawkinson/
DATE SIGNED:	03/14/2018

Total Attachments: 5

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ASSIGNMENT

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

Leo Modica

John Harris Brian Moore Paul Stephens

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 5503 LB Veldhoven The Netherlands

An invention entitled (invention Title):

TRAFFIC ADJUSTMENT FOR VARIABLE NETWORK STATE

The PATENT	RIGHTS referred to in this agreement a	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>X</u>	U.S. Patent Application Serial No			, filed		
_	U.S. Patent No.	, issue	d			
The PATENT RIGHTS assigned under this agreement are:						
<u>X</u>	U.S. Patent rights					
<u>X</u> X	worldwide Patent rights. In this case, the assignee shall have the right to claim the					
	benefit of the filing date of any Patent	Application	on ident	ified above.		
<u>X</u>	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:

Witness Signature
Printed Name Leclie Harris

19anie Feb 2, 2015

2/2/15 Date

NC86689 //	
X es Modica	1-29-15
[Leo Mòdica]	Date
Judish Modica	1-29-15
Witness Signature Printed Name Judith Modica	Date

NC86689

[Brian Moore]

Witness Signature v

2/2/2015

02-02-2015

Date

NC86689

[Paul Stephens]

Witness Signature . Printed Name

 $\frac{2/2/2015}{\text{Date}}$ $\frac{02-02-20/5}{\text{Date}}$

PATENT REEL: 045207 FRAME: 0757

RECORDED: 03/14/2018