504322740 04/14/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD KWANT	04/12/2017
ANISH MITTAL	04/12/2017
DAVID LAWLOR	04/12/2017
HIMAANSHU GUPTA	04/12/2017

RECEIVING PARTY DATA

Name:	HERE GLOBAL B.V.
Street Address:	KENNEDYPLEIN 222-226
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5611 ZT

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15487069

CORRESPONDENCE DATA

Fax Number: (703)519-9958

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.

Phone: 703-519-9951

Email: docket@dcpatent.com

Correspondent Name: DITTHAVONG & STEINER, P.C. Address Line 1: 44 CANAL CENTER PLAZA

Address Line 2: SUITE 322

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	P8663US00	
NAME OF SUBMITTER:	KHOUANE DITTHAVONG	
SIGNATURE:	/Khouane Ditthavong/	
DATE SIGNED:	04/14/2017	

Total Attachments: 5

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PATENT 504322740 REEL: 042016 FRAME: 0017

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> PATENT REEL: 042016 FRAME: 0018

ASSIGNMENT

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

Richard Kwant Anish Mittal David Lawlor Himaanshu Gupta

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):

The Carry are recovered and annual to the third are a second as a

METHOD, APPARATUS, AND SYSTEM FOR A PARAMETRIC REPRESENTATION OF SIGNS

THE PAIGNI	miom la referred to in this agreement are:	
	a national Patent Application No.	filed on
	European Patent Application No.	filed on
NO.	PCT application No.	filed on
for this invent	ion, executed by the ASSIGNOR(S)	
<u>X</u>	U.S. Patent Application Serial No. 15/487	069 , filed April 13, 2017
···	U.S. Patent No, is	sued
The PATENT	RIGHTS assigned under this agreement are	: :
<u>X</u>	U.S. Patent rights	
X	worldwide Patent rights. In this case, the as	ssignee shall have the right to claim the
	benefit of the filing date of any Patent Appli	0
<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:

PATENT REEL: 042016 FRAME: 0019

HN90317

Date

Witness Signature
Printed Name 16/6/04 18/9/mu/lova

04/12/2017

Date

> PATENT REEL: 042016 FRAME: 0021

HN90317

Witness Signature Printed Name <u>(タナロン クッ</u> クム

HN90317

O4/12/2017Date

State

O4/12/2017Date

Printed Name

O4/12/2017Date

Date

PATENT REEL: 042016 FRAME: 0023

RECORDED: 04/14/2017