505833559 12/20/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
LAURI AARNE JOHANNES WIROLA	12/21/2018
JARI SYRJARINNE	12/21/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16723802

CORRESPONDENCE DATA

Fax Number: (704)444-1111

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: 704-444-1000

Email: usptomail@alston.com

Correspondent Name: HERE GLOBAL/ALSTON & BIRD Address Line 1: BANK OF AMERICA PLAZA

Address Line 2: 101 SOUTH TRYON STREET, SUITE 4000
Address Line 4: CHARLOTTE, NORTH CAROLINA 28280-4000

ATTORNEY DOCKET NUMBER:	064359/541488
NAME OF SUBMITTER:	GUY R. GOSNELL
SIGNATURE:	/Guy R. Gosnell/
DATE SIGNED:	12/20/2019

Total Attachments: 3

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PATENT 505833559 REEL: 051349 FRAME: 0512

ASSIGNMENT

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

Lauri Aarne Johannes Wirola Jari Syrjarinne

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):

IDENTIFYING POTENTIALLY MANIPULATED RADIO SIGNALS AND/OR RADIO SIGNAL PARAMETERS

The PAT	ENT RIGHTS referred to in this agreem	ent are:
and	a national Patent Application No.	filed on
X	European Patent Application No.	filed on
•••	PCT application No.	filed on
for this ir	vention, executed by the ASSIGNOR(S	}
	U.S. Patent Application Serial No.	filed
	U.S. Patent No.	, issued
X X	ENT RIGHTS assigned under this agree U.S. Patent rights worldwide Patent rights. In this car benefit of the filing date of any Pat	se, the assignee shall have the right to claim the
X	the full and exclusive right to the in	ivention;
The PAT	ENT RIGHTS assigned under this agree	ment are:
	U.S. Patent rights	
X		se, the assignee shall have the right to claim the ent Application identified above.
X	the full and exclusive right to the in	vention:

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: 051349 FRAME: 0513 HN90705

<u> </u>	J. Start	and the same	
		nnes Wiro	la]

21-Dec-2018 Date

Witness Signature
Printed Name

71-0ec-7018 Date

HN90705

[Jari Syrjarinne]

Witness Signature Printed Name 71-Pec -2018

Date

21-Dec-2018

Date

PATENT REEL: 051349 FRAME: 0515

RECORDED: 12/20/2019