503665871 01/27/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HANS-JOERG ASSENBAUM	01/16/2016
THORSTEN SINNING	01/14/2016

RECEIVING PARTY DATA

Name:	DEUTSCHE TELEKOM AG
Street Address:	FRIEDRICH-EBERT-ALLEE 140
City:	BONN
State/Country:	GERMANY
Postal Code:	D-53113

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15001406

CORRESPONDENCE DATA

Fax Number: (954)925-1101

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: 954-925-1100

Email: OFFICE@PATENTUSA.COM

Correspondent Name: LERNER GREENBERG STEMER LLP

Address Line 1: P.O. BOX 2480

Address Line 4: HOLLYWOOD, FLORIDA 33022-2480

ATTORNEY DOCKET NUMBER:	BDP-14188
NAME OF SUBMITTER:	RALPH E LOCHER
SIGNATURE:	/ralph e locher/
DATE SIGNED:	01/27/2016

Total Attachments: 2

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PATENT 503665871 REEL: 037592 FRAME: 0924

Docket No.: BDP-14188

ASSIGNMENT

WHEREAS We, HANS-JOERG ASSENBAUM and THORSTEN SINNING, residing respectively at Guetersloh and Aachen, Germany, have invented certain new and useful improvements in a

METHOD AND SYSTEM FOR LANE-ACCURATE DETERMINATION OF THE TRAVEL DIRECTION OF A VEHICLE AND OUTPUTTING WARNING MESSAGES IN THE CASE OF WRONG-WAY TRAVE!

and for which an application for Letters Patent of the United States of America was executed on the date of execution of this assignment;

WHEREAS, DEUTSCHE TELEKOM AG (hereinafter Assignee), a German corporation doing business at Bonn, Germany is desirous of acquiring the entire interest in and to the invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW. THEREFORE, be it known that for sufficient consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, its legal representatives, successors and assigns, the full and exclusive right in and to the said invention as fully set forth and described in the abovementioned application, and to the application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of the Letters Patent, the same to be held and enjoyed by the said Assignee, its legal representatives, successors and assigns, to the full end of the term, for which the Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us, had this assignment and sale not been made.

AND WE hereby authorize the said Assignee to make an application for Letters Patent and the Director to issue any and all Letters Patent of the United States on the invention or resulting from the application and from any and all divisions and continuations thereof to the said Assignee, as the assignee of the entire right, title and interest in and to the same.

	Tan Ja South	(L.S.)	2016/0	1/1
Witness	HANS JOÉRG ASSENBAUM	(20.00.)	Date	
		(L.S.)		
Witness	THORSTEN SINNING	, , ,	Date	*********

PATENT REEL: 037592 FRAME: 0925 Docket No.: BDP-14188

ASSIGNMENT

WHEREAS We, HANS-JOERG ASSENBAUM and THORSTEN SINNING, residing respectively at Guetersloh and Aachen, Germany, have invented certain new and useful improvements in a

METHOD AND SYSTEM FOR LANE-ACCURATE DETERMINATION OF THE TRAVEL DIRECTION OF A VEHICLE AND OUTPUTTING WARNING MESSAGES IN THE CASE OF WRONG-WAY TRAVEL

and for which an application for Letters Patent of the United States of America was executed on the date of execution of this assignment;

WHEREAS, **DEUTSCHE TELEKOM AG** (hereinafter Assignee), a German corporation doing business at Bonn, Germany is desirous of acquiring the entire interest in and to the invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW. THEREFORE, be it known that for sufficient consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, its legal representatives, successors and assigns, the full and exclusive right in and to the said invention as fully set forth and described in the abovementioned application, and to the application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of the Letters Patent, the same to be held and enjoyed by the said Assignee, its legal representatives, successors and assigns, to the full end of the term, for which the Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us, had this assignment and sale not been made.

AND WE hereby authorize the said Assignee to make an application for Letters Patent and the Director to issue any and all Letters Patent of the United States on the invention or resulting from the application and from any and all divisions and continuations thereof to the said Assignee, as the assignee of the entire right, title and interest in and to the same.

Wiiness	HANS-JOERG ASSENBAUM (L	S.) Date	·* ***********************************
Witness	THORSTEN SINNING. (L.	S) <u>//4. Jan.</u> Date	2016

PATENT REEL: 037592 FRAME: 0926

RECORDED: 01/27/2016