PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Florian HARTWICH	01/10/2011
Marc SCHREIER	01/17/2011
Franz BAILER	01/11/2011
Markus IHLE	01/10/2011
Tobias LORENZ	01/14/2011
Christian HORST	01/10/2011

RECEIVING PARTY DATA

Name:	Robert Bosch GmbH	
Street Address:	Postfach 30 02 20	
City:	Stuttgart	
State/Country:	GERMANY	
Postal Code:	DE-70442	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12736758	

CORRESPONDENCE DATA

501476625

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ATTORNEY DOCKET NUMBER: 10191/6663

NAME OF SUBMITTER: Gerard A. Messina

PATENT

REEL: 026004 FRAME: 0947

OF \$40.00 12/36/58

Total Attachments: 8 source=assignment 10191-6663#page1.tif source=assignment 10191-6663#page2.tif source=assignment 10191-6663#page3.tif source=assignment 10191-6663#page4.tif source=assignment 10191-6663#page5.tif source=assignment 10191-6663#page6.tif

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PATENT REEL: 026004 FRAME: 0948

ASSIGNMENT

WHEREAS, we,

Florian HARTWICH Lerchenstr. 17/1 DE-72762 Reutlingen Federal Republic of Germany Citizenship: Austria

Marc SCHREIER
Stettiner Str. 3
DE-71254 Ditzingen
Federal Republic of Germany
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Tobias LORENZ
Glogauer Weg 28
DE-71707 Schwieberdingen
Federal Republic of Germany
Citizenship: Federal Republic of Germany

AND

Christian HORST Robert-Woerner-Str. 28/3 DE-72144 Dusslingen Federal Republic of Germany Citizenship: Federal Republic of Germany

have made inventions and discoveries in SUBSCRIBER NODE OF A COMMUNICATION SYSTEM HAVING A FUNCTIONALLY SEPARATE TRANSMISSION EVENT MEMORY, for which an application for Letters Patent was filed as PCT International Application No. PCT/EP2009/052578 on March 5, 2009, and

2033986

PATENT REEL: 026004 FRAME: 0949 WHEREAS ROBERT BOSCH GmbH, having a place of business at Postfach 30 02 20, 70442 Stuttgart, Federal Republic of Germany, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

- 1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in any and all countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.
- 2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.
- 4. Warrant that we have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.
- 5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this day of X Jonus 1011, 2010.

Florian HARTWICH

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this $\cancel{M7}$ day

of January 2011, 2010.

Marc SCHREIER

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \(\section \) day

of & January, 2000. 2011

Franz BAILER

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this $\cancel{>}$ \cancel{M} day

of January, 2018.1

Markus IHLE

	IN TESTIMONY	WHEREOF, I have hereunto set	my hand and seal this $\times 14$ day
of ol	Samuery	2010	
Or <u>V</u>	January	_, 201¥.	
			Tables I ODENIA

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this <u>do</u> day

of Lanuary, 2019.1

Christian HORST

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