504036862 10/05/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOBROSLAV TSONEV	09/21/2016
HARALD HAAS	09/21/2016
ZIXIONG WANG	09/08/2016
STEFAN I. VIDEV	09/21/2016
TOM HIGGISON	09/05/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15101341

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ATTORNEY DOCKET NUMBER:	031749/480213
NAME OF SUBMITTER:	CHRISTOPHER P. LIGHTNER
SIGNATURE:	/Christopher P. Lightner/
DATE SIGNED:	10/05/2016

PATENT 504036862 REEL: 039943 FRAME: 0621

Total Attachments: 6 source=2016-10-05 480213 Assignment#page1.tif source=2016-10-05 480213 Assignment#page2.tif source=2016-10-05 480213 Assignment#page3.tif

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PATENT REEL: 039943 FRAME: 0622

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

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Old College South Bridge Edinburgh EH8 9YL UNITED KINGDOM

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in "RECEIVER FOR COMMUNICATIONS SYSTEMS"

as set forth in this United States Patent Application

	executed concurrently herewith
	executed on
	Application No. 15/101,341; filed June 2, 2016
\boxtimes	Application claims priority from International Application No. PCT/GB2014/053579
	filed December 2, 2014, which claims priority to United Kingdom Application No
	1321262.6, filed December 2, 2013; all applications listed above being hereinafte
	referred to as the "application(s)";

(We hereby authorize and request the Assignee and its attorney (Alston & Bird LLP) to insert above the application number and filing date of said application when known.)

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable. under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all

> PATENT REEL: 039943 FRAME: 0623

facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

This Assignment is deemed to be effective at least as early as the earliest priority date.

 $\frac{21/09/2016}{\text{ate}}$ Dobroslav Tsonev

21/09/2016 Date

Witness ENRIQE POVES

21/09/2016

Witness SARAH SCACE

Title: RECEIVER FOR COMMUNICATIONS SYSTEMS Attorney Docket No. 031749/480213

Inventors: Dobroslav Tsonev, Harald Haas, Zixiong Wang, Stefan I. Videv, and Tom Higgison

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Title: RECEIVER FOR COMMUNICATIONS SYSTEMS Attorney Docket No. 031749/480213 Inventors: Dobroslav Tsonev, Harald Haas, Zixiong Wang, Stefan I. Videv, and Tom Higgison

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2016.09.08	王子太王
Date	Zixiong Wang
2016.09.08	朝田元
Date	Witness
<u>2016.09.08</u>	关B 吉吉
Date	Witness

Title: RECEIVER FOR COMMUNICATIONS SYSTEMS
Attorney Docket No. 031749/480213
Inventors: Dobroslav Tsonev, Harald Haas, Zixiong Wang, Stefan I. Videv, and Tom Higgison

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21/09/2016 Date

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5 sign-rem 11-20 2016

Date

Tom Higgison

S SEPTIMBLE 2016

Date

Witness

Date Og L

Witness

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Attorney Docket No. 031749/480213
Inventors: Dobroslav Tsonev, Harald Haas, Zixiong Wang, Stefan I. Videv, and Tom Higgison

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RECORDED: 10/05/2016