506289219 10/05/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6335967

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BOUBACAR KIMBA DIT ADAMOU	09/22/2020
XUEMING PAN	09/22/2020

RECEIVING PARTY DATA

Name:	VIVO MOBILE COMMUNICATION CO.,LTD.
Street Address:	#283, BBK ROAD, WUSHA
City:	CHANG'AN DONGGUAN, GUANGDONG
State/Country:	CHINA
Postal Code:	523860

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17061319

CORRESPONDENCE DATA

Fax Number:

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.

Email: kcale@mabr.com

Correspondent Name: R. BURNS ISRAELSEN Address Line 1: MASCHOFF BRENNAN

Address Line 2: 1389 CENTER DRIVE, SUITE 300

Address Line 4: PARK CITY, UTAH 84098

ATTORNEY DOCKET NUMBER:	C4201.10147US01
NAME OF SUBMITTER:	R. BURNS ISRAELSEN
SIGNATURE:	/R. Burns Israelsen, Reg. No. 42685/
DATE SIGNED:	10/05/2020

Total Attachments: 4

source=2020.10.01_C4201-10147US01_Assignment-Declaration#page1.tif source=2020.10.01_C4201-10147US01_Assignment-Declaration#page2.tif source=2020.10.01_C4201-10147US01_Assignment-Declaration#page3.tif source=2020.10.01_C4201-10147US01_Assignment-Declaration#page4.tif

PATENT 506289219 REEL: 053977 FRAME: 0464

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention	METHOD AND DEVICE FOR CONFIGURING RELAY RESOURCE			
As a below named inventor, I hereby declare that:				
This decla	ration			
is directed	to: For The attached application, or			
	United States application or PCT international application numberfiled onidentified application was made or authorized to be made by me.			
I believe than the application	at I am the original inventor or an original joint inventor of a claimed invention action.			
	knowledge that any willful false statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) oth.			
	by authorize and request my attorney or representative to insert here it			

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

date and application number of said US application when known.

SELL, ASSIGN AND TRANSFER to VIVO MOBILE COMMUNICATION CO.LTD. having a place of business at #283, BBK Road, Wusha, Chang'an Donsguan, Guansdong 523860, China, (hereinafter referred to as "ASSIGNEE") the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which is a national phase filing of PCT/CN2019/080988 filed on April 2, 2019; which in turn claims priority to CN201810295818.9 filed on April 3, 2018; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

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PATENT REEL: 053977 FRAME: 0465

Docket No. P20180573-WO-US-bypass-PIUS2021481CN-by pass

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignce.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL NAME OF INVENTOR
Inventor: Boubacar KIMBA DIT ADAMOU Date: 1020 /01 /22
Signature: 185 USaar Linds oft Adams

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention	METHOD AND DEVICE FOR CONFIGURING RELAY RESOURCE
As a below	named inventor, I hereby declare that:
This decla	ration
is directed	to: Fig. 12 The attached application, or
The above-	United States application or PCT international application numberfiled ondentified application was made or authorized to be made by me.
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	nowledge that any willful false statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) th.
parentheses	ny authorize and request my attorney or representative to insert here in (patent Application number, filed) the filing of the fil

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SELL, ASSIGN AND TRANSFER to <u>VIVO MOBILE COMMUNICATION CO.LTD.</u>, having a place of business at #283, <u>BBK Road</u>, <u>Wusha</u>, <u>Chang'an Dongsuan</u>, <u>Guangdong 523860</u>. China. (hereinafter referred to as "ASSIGNEE") the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which is a national phase filing of <u>PCT/CN2019/080988</u> filed on <u>April 2. 2019</u>; which in turn claims priority to <u>CN201810295818.9</u> filed on <u>April 3. 2018</u>; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

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Docket No. P20180573-WO-US-bypass-PIUS2021481CN-by pass

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

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ı	GAL NAME OF INVENTOR
ŧ	ventor: <u>Xuemino PAN</u> Date: <u>2019/ \$ /22</u>
5	gnature: XVQ XY VVV

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PATENT REEL: 053977 FRAME: 0468

RECORDED: 10/05/2020