504137931 12/20/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4194218

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIAOBO WU	12/15/2016
YE ZOU	12/15/2016

RECEIVING PARTY DATA

Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	HUAWEI ADMINISTRATION BUILDING, BANTIAN
Internal Address:	LONGGANG DISTRICT
City:	SHENZHEN, GUANGDONG
State/Country:	CHINA
Postal Code:	518129

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15385392

CORRESPONDENCE DATA

Fax Number: (408)720-8383

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: (408) 720-8300

michelle_insular@bstz.com Email:

Correspondent Name: BSTZ/HUAWEI

Address Line 1: 1279 OAKMEAD PARKWAY

Address Line 4: SUNNYVALE, CALIFORNIA 94085-4040

ATTORNEY DOCKET NUMBER:	10167P031
NAME OF SUBMITTER:	MICHAEL C. SUTLIFFE
SIGNATURE:	/MICHAEL C. SUTLIFFE/
DATE SIGNED:	12/20/2016

Total Attachments: 4

source=10167P031_ASSN_122016#page1.tif source=10167P031_ASSN_122016#page2.tif source=10167P031_ASSN_122016#page3.tif source=10167P031 ASSN 122016#page4.tif

> **PATENT** REEL: 040696 FRAME: 0077 504137931

PATENT

Attorney Docket No. Client Reference No. 83961461US08

ASSIGNMENT

WHEREAS, WE,

Xiaobo Wu Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA; and

Ye Zou Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA;

have invented and own a certain invention entitled:

VOICE RESOURCE SAVING METHOD, DEVICE AND SYSTEM

for which invention we have executed	an application (provisional or	non-provisional) for a U.S
patent, which was filed on	, under U.S. Application No	and

WHEREAS, HUAWEI TECHNOLOGIES CO.,LTD., Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA;, hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

Now, Therefore, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set

forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such

In re Appin. of Wu et al. Attorney Docket No.	
	statements and other affidavits, it being understood ent shall bind, and inure to the benefit of, the assigns reto.
IN WITNESS WHEREOF, We have he	ereunder set our hands on the dates shown below.
Date DOC 15, 2016	Xiaobo Wu
Date	Ye Zou

PATENT

Attorney Docket No. Client Reference No. 83961461US08

ASSIGNMENT

WHEREAS, WE,

Xiaobo Wu Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA; and Ye Zou Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA;

have invented and own a certain invention entitled:

VOICE RESOURCE SAVING METHOD, DEVICE AND SYSTEM

for which invention we have executed	an application (provisional or	non-provisional) for a U.S
patent, which was filed on	, under U.S. Application No	and

WHEREAS, HUAWEI TECHNOLOGIES CO.,LTD., Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA;, hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

Now, Therefore, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set

forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such

In re Appln. of Wu et al. Attorney Docket No.	
	tatements and other affidavits, it being understood shall bind, and inure to the benefit of, the assigns to.
IN WITNESS WHEREOF, We have here	under set our hands on the dates shown below.
Date	Xiaobo Wu
Date Doc 17 2016	Ye Zou