

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4882909

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUERGEN GEIGER	03/06/2018
PETER GROSCHE	03/06/2018
RECEIVING PARTY DATA	
Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	HUAWEI ADMINISTRATION BUILDING
Internal Address:	BANTIAN, LONGGANG DISTRICT
City:	SHENZHEN, GUANGDONG
State/Country:	CHINA
Postal Code:	518129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15920006
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>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.</i>	
Email:	apsi@fr.com
Correspondent Name:	FISH & RICHARDSON P.C.
Address Line 1:	P.O. BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	43968-0135001
NAME OF SUBMITTER:	SUSAN C. JOHNSON
SIGNATURE:	/Susan C. Johnson/
DATE SIGNED:	03/25/2018
Total Attachments: 2	
source=43968-0135001_Assignment#page1.tif	
source=43968-0135001_Assignment#page2.tif	

ASSIGNMENT

WHEREAS, WE,

Jürgen Geiger
Huawei Technologies
Deutschland GmbH, Riesstr. 25,
80992 München, Germany; and

Peter Grosche
Huawei Technologies
Deutschland GmbH, Riesstr. 25,
80992 München, Germany.

have invented and own a certain invention entitled:

Audio signal processing apparatus and method for processing an input audio signal
for which invention we have executed an application (provisional or non-provisional) for a U.S.
patent, which was filed on 3/13/2018, under U.S. Application No. 15920006 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
applications or patents, and by executing statements and other affidavits, it being understood
that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns
and legal representatives of all parties hereto.

In re Appln. of Geiger et al.
Attorney Docket No. 43968-0135001

IN WITNESS WHEREOF, We have hereunder set our hands on the dates shown below.

Date 2018/03/06

Jürgen Geiger
Jürgen Geiger

Date 2018/05/06

Peter Grosche
Peter Grosche