

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4463145

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHENFEI TANG	04/27/2015
RECEIVING PARTY DATA	
Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	HUAWEI ADMINISTRATION BUILDING
Internal Address:	BANTIAN, LONGGANG DISTRICT, GUANGDONG
City:	SHENZHEN
State/Country:	CHINA
Postal Code:	518129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15624664
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NAME OF SUBMITTER:	ROBERT D. MCCUTCHEON
SIGNATURE:	/Robert D. McCutcheon/
DATE SIGNED:	06/15/2017
Total Attachments: 2	
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PATENT

Attorney Docket No. _____
Client Reference No. 83646928U507

ASSIGNMENT

WHEREAS, I,

Zhenfei TANG
Huawei Administration Building,
Bantian, Longgang District,
Shenzhen, 518129, Guangdong,
P.R. China

have invented and own a certain invention entitled:
METHOD AND APPARATUS FOR DETERMINING CONTROL CHANNEL SEARCH
SPACE
for which invention I 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., of 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, I 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 I 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.

I 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.

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

In re Appln. of Tang .
Attorney Docket No. _____

IN WITNESS WHEREOF, I have hereunder set my hand on the dates shown below.

Date April 27, 2015

Zhenfei TANG
Zhenfei TANG