

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JUSSI SALMI	04/18/2017
	PETTERI KELA	04/19/2017
	GEORGE KOUDOURIDIS	04/19/2017
RECEIVING PARTY DATA		
Name:	HUAWEI TECHNOLOGIES CO., LTD.	
Street Address:	HUAWEI ADMINISTRATION BUILDING	
Internal Address:	BANTIAN, LONGGANG DISTRICT	
City:	SHENZHEN	
State/Country:	CHINA	
Postal Code:	518129	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15456116
CORRESPONDENCE DATA		
Fax Number:	(972)628-3616	
<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>		
Phone:	972 628 3600	
Email:	patents@munckwilson.com	
Correspondent Name:	DOCKET CLERK/HTCL	
Address Line 1:	P.O. DRAWER 800889	
Address Line 4:	DALLAS, TEXAS 75380	
ATTORNEY DOCKET NUMBER:	HUAW08-42510	
NAME OF SUBMITTER:	ROBERT D. MCCUTCHEON	
SIGNATURE:	/ROBERT D. MCCUTCHEON/	
DATE SIGNED:	04/27/2017	
Total Attachments: 6		
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PATENT

Attorney Docket No. _____
Client Reference No. 84142510US04

ASSIGNMENT

WHEREAS, WE,

Jussi Salmi	Petteri Kela
Floor 3, 4 Skalholtsgatan 9-11 Box	Itämerenkatu 9, 2nd floor,
54, SE-164 40 Kista, Sweden; and	Helsinki 00180, Finland; and

George Koudouridis
Floor 3, 4 Skalholtsgatan 9-11 Box
54, SE-164 40 Kista, Sweden;

have invented and own a certain invention entitled:
METHOD AND APPARATUS FOR SHIFTING CONTROL AREAS IN A WIRELESS COMMUNICATION SYSTEM
for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2017-03-10, under U.S. Application No. 15456116 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

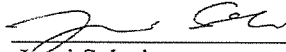
forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in

In re Appln. of Salmi et al.
Attorney Docket No. _____

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

Date 2017-4-18



Jussi Salmi

Date _____

Petteri Kela

Date _____

George Koudouridis

PATENT

Attorney Docket No. _____
Client Reference No. 84142510US04

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

Date _____

Jussi Salmi

Date 19-April-2017



Petteri Kela

Date _____

George Koudouridis

PATENT

Attorney Docket No. _____
Client Reference No. 84142510US04

ASSIGNMENT

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Date 19 April 2017



George Koudouridis