

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3990285

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	Hanhui Zhang	08/01/2016
RECEIVING PARTY DATA		
Name:	HUGHES NETWORK SYSTEMS, LLC	
Street Address:	11717 EXPLORATION LANE	
City:	GERMANTOWN	
State/Country:	MARYLAND	
Postal Code:	20876	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15210233	
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	41194-0003001	
NAME OF SUBMITTER:	KRISTI A. HOLMLUND	
SIGNATURE:	/Kristi A. Holmlund/	
DATE SIGNED:	08/03/2016	
Total Attachments: 2		
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Attorney Docket No.: 41194-0003001

ASSIGNMENT

For valuable consideration, the receipt of which I acknowledge, and intending to be bound legally, I, HANHUI ZHANG, assign to HUGHES NETWORK SYSTEMS, LLC, a limited liability company formed under the laws of Delaware and having a principal place of business at 11717 Exploration Lane, Germantown, MD 20876, and its successors, transferees, and assignees (collectively the "Assignee"), all of my right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names me as inventor, is titled "RADIO RECEIVER WITH HYBRID CHANNELIZER ARCHITECTURE", and was filed in the United States Patent and Trademark Office on July 14, 2016, as Application No. 15/210,233 (the "Application")

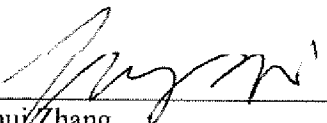
This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

I authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in my name or in the Assignee's name.

I represent and warrant that I have the right and power to make this Assignment and that I have not made and will not make any other assignment that conflict with this Assignment.

Attorney Docket No.: 41194-0003001

I will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.



Hanhui Zhang

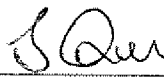
Date: 08/01/2016

Witnessed by:

Signature: 

Print Name: J. MARK STEBER

Date: 8/1/2016

Signature: 

Print Name: Jiaming Qian

Date: 8/1/2016

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