

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4146132

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMIT KALHAN	09/16/2014
HENRY CHANG	09/16/2014
DAVID COMSTOCK	09/16/2014

RECEIVING PARTY DATA

Name:	KYOCERA CORPORATION
Street Address:	6 TAKEDA TOBADONO-CHO, FUSHIMI-KU
City:	KYOTO
State/Country:	JAPAN
Postal Code:	6128501

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15311782

CORRESPONDENCE DATA

Fax Number: (858)292-1614
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: 858-882-2000
Email: KII-USPatents@kyocera.com
Correspondent Name: KYOCERA INTERNATIONAL INC. INTELLECTUAL
Address Line 1: 8611 BALBOA AVE
Address Line 4: SAN DIEGO, CALIFORNIA 92123


ATTORNEY DOCKET NUMBER:	TUTL 00250
NAME OF SUBMITTER:	STEPHANIE TINSLEY
SIGNATURE:	/stephanie tinsley/
DATE SIGNED:	11/16/2016

Total Attachments: 4

source=20140916_Assignment_TUTL00250US#page1.tif
 source=20140916_Assignment_TUTL00250US#page2.tif
 source=20140916_Assignment_TUTL00250US#page3.tif
 source=20140916_Assignment_TUTL00250US#page4.tif

ASSIGNMENT

For valuable consideration, I, **Amit KALHAN** of San Diego, CA, hereby assign to **KYOCERA CORPORATION**, a Japanese corporation having a place of business at 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto, 612-8501, Japan; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States patent signed by me, entitled **METHODS OF RESERVING RESOURCES ON UNLICENSED BANDS**, having attorney docket number TPRO 00243, filed May 22, 2014, and having a U.S. application number 62/002,037, yet to be assigned, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention of the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 9/16/14

Amit KALHAN

ASSIGNMENT

For valuable consideration, we, **Amit KALHAN** of San Diego, CA, **Henry CHANG** of San Diego, CA, and **David COMSTOCK** of San Diego, CA, hereby assign to **KYOCERA CORPORATION**, a Japanese corporation having a place of business at 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto, 612-8501, Japan; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States patent signed by us, entitled **METHODS OF COORDINATING LTE TRANSMISSIONS ON UNLICENSED BANDS**, having attorney docket number TPRO 00250, filed May 22, 2014, and having a U.S. application number 62/002,041, yet to be assigned, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention of the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 9/16/14



Amit KALHAN

Date: _____

Henry CHANG

Date: _____

David COMSTOCK

ASSIGNMENT


For valuable consideration, we, **Amit KALHAN** of San Diego, CA, **Henry CHANG** of San Diego, CA, and **David COMSTOCK** of San Diego, CA, hereby assign to **KYOCERA CORPORATION**, a Japanese corporation having a place of business at 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto, 612-8501, Japan; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States patent signed by us, entitled **METHODS OF COORDINATING LTE TRANSMISSIONS ON UNLICENSED BANDS**, having attorney docket number TPRO 00250,

filed May 22, 2014, and having a U.S. application number 62/002,041, yet to be assigned, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention of the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: _____

Amit KALHAN

Date: 9/16/14



Henry CHANG

Date: _____

David COMSTOCK

ASSIGNMENT

For valuable consideration, we, **Amit KALHAN** of San Diego, CA, **Henry CHANG** of San Diego, CA, and **David COMSTOCK** of San Diego, CA, hereby assign to **KYOCERA CORPORATION**, a Japanese corporation having a place of business at 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto, 612-8501, Japan; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States patent signed by us, entitled **METHODS OF COORDINATING LTE TRANSMISSIONS ON UNLICENSED BANDS**, having attorney docket number TPRO 00250, filed May 22, 2014, and having a U.S. application number 62/002,041, yet to be assigned, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention of the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: _____

Amit KALHAN

Date: _____

Henry CHANG

Date: September 16, 2014



David COMSTOCK