PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3161559

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TEVFIK YUCEK	08/29/2014

RECEIVING PARTY DATA

Name:	QUALCOMM INCORPORATED
Street Address:	5775 MOREHOUSE DRIVE
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121-1714

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14290899
Application Number:	61830630

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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: 949-760-0404 Email: efiling@knobbe.com

Correspondent Name: KNOBBE MARTENS OLSON & BEAR LLP

Address Line 1: 2040 MAIN STREET, 14TH FLOOR

Address Line 4: **IRVINE, CALIFORNIA 92614**

ATTORNEY DOCKET NUMBER:	QTELE.004A2/133419U2
NAME OF SUBMITTER:	FRED NICHOLSON
SIGNATURE:	/Fred Nicholson/
DATE SIGNED:	12/23/2014

Total Attachments: 7

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PATENT REEL: 034716 FRAME: 0878

Please Direct All Correspondence to Customer Number 14870

RESPONSE TO FORMALITIES NOTICE

Inventor

Sameer Vermani

App. No.

14/290,899

Filed

May 29, 2014

For

METHODS AND APPARATUS FOR

CLEAR CHANNEL ASSESSMENT

Art Unit

2414

Conf No.

3233

Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The above-captioned application was filed lacking at least one item that would advance application to examination. Enclosed in compliance with 37 CFR 1.53(f) are the following.

(X) Declarations in 6 pages.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment, to Account No. 11-1410.

Fred Nicholson

Registration No. 72284

Attorney of Record

Customer No. 14870

(858) 707-4000

MPARTS

19614966

122314

QTELE.004A2/133419U2 PTO/AIA/01 (06-12) Approved for use through 01/31/2014. OMB 0551-0032

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN **APPLICATION DATA SHEET (37 CFR 1.76)**

med inventor, I hereby declare that:
The attached application, or
United States application or PCT international application number 14290899 filed on May 29, 2014
ified application was made or authorized to be made by me.
n the original inventor or an original joint inventor of a claimed invention in the application.
edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nment of not more than five (5) years, or both.
WARNING:
nt is cautioned to avoid submitting personal information in documents filed in a patent application that may tity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers ok or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO on or an application. If this type of personal information is included in documents submitted to the USPTO, and should consider redacting such personal information from the documents before submitting them to the errapplicant is advised that the record of a patent application is available to the public after publication of the is a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a ore, the record from an abandoned application may also be available to the public if the application is abilished application or an issued patent (see 37 CFR 1.14). Checks and credit card, authorization forms ted for payment purposes are not retained in the application file and therefore are not publicly available.
OF INVENTOR
Date (Optional):

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN **APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	METHODS AND APPARATUS FOR CLEAR CHANNEL ASSESSMENT
As the belo	w named inventor, I hereby declare that:
This declara	to:
	United States application or PCT international application number 14290899 filed on May 29, 2014
The above-	identified application was made or authorized to be made by me.
I believe tha	at I am the original inventor or an original joint inventor of a claimed invention in the application.
	knowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 aprisonment of not more than five (5) years, or both.
, 1 4, # ,	WARNING:
contribute to (other than a to support a petitioners/a USPTO. Pe application (i patent. Furth referenced in	policant is cautioned to avoid submitting personal information in documents filed in a patent application that may be identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers as check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO petition or an application. If this type of personal information is included in documents submitted to the USPTO, applicants should consider reducting such personal information from the documents before submitting them to the etitioner/applicant is advised that the record of a patent application is available to the public after publication of the (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a thermore, the record from an abandoned application may also be available to the public if the application is a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms submitted for payment purposes are not retained in the application file and therefore are not publicly available.
LEGAL N/	AME OF INVENTOR
Inventor:	Simone Merlin Date (Optional): 8/15/15
Signature:	Same Val
	lication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have sly filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1,63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN **APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	METHODS AND APPARATUS FOR CLEAR CHANNEL ASSESSMENT
As the belov	named inventor, I hereby declare that
This declara	ine attached application, or
	United States application or PCT international application number 14290899 filed on May 29, 2014
The above-io	lentified application was made or authorized to be made by me.
I believe that	am the original inventor or an original joint inventor of a claimed invention in the application
I hereby ackr by fine or imp	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 risonment of not more than five (5) years, or both.
	WARNING:
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.	
LEGAL NA	ME OF INVENTOR
Inventor: E	Eugene Jong-Hyon Baik Date (Optional): 8/14/14 Can Brush
Note: An applic been previous!	ration data sheet (PTO/SB/: 4 or equivalent), including naming the entire inventive entity, must accompany this form or must have y filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CPR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this turden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ACORESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Title of Invention	METHODS AND APPARATUS FOR CLEAR CHANNEL ASSESSMENT	
As the below	w named inventor, I hereby declare that:	***
This declaration is directed t	to:	
	United States application or PCT international application number 14290899 filed on May 29, 2014	
The above-i	identified application was made or authorized to be made by me.	
I believe tha	at I am the original inventor or an original joint inventor of a claimed invention in the application.	
	mowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 aprisonment of not more than five (5) years, or both.	
	WARNING:	
contribute to (other than a to support a petitioners/a USPTO. Per application (i patent. Furti referenced ir	policant is cautioned to avoid submitting personal information in documents filed in a patent application that may be identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO petition or an application. If this type of personal information is included in documents submitted to the USPTO, pplicants should consider redacting such personal information from the documents before submitting them to the utilitioner/applicant is advised that the record of a patent application is available to the public after publication of the unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a hermore, the record from an abandoned application may also be available to the public if the application is n a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms ubmitted for payment purposes are not retained in the application file and therefore are not publicly available.	
LEGAL NA	AME OF INVENTOR	
Inventor. [Bin Tian Date (Optional): 8/29/14	
Note: An appli	ication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have sly filed. Use an additional PTO/AIA/01 form for each additional inventor.	

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PTO/AIA/01 (06-12)
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	United States application or PCT international application number 14290899 filed on May 29, 2014
The above-id	entified application was made or authorized to be made by me.
I believe that	I am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby ackn by fine or imp	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 risonment of not more than five (5) years, or both.
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contribute to i (other than a to support a p petitioners/ap USPTO. Peti application (u patent. Furth referenced in	dicant is cautioned to avoid submitting personal information in documents filed in a patent application that may dentity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO etition or an application. If this type of personal information is included in documents submitted to the USPTO, plicants should consider redacting such personal information from the documents before submitting them to the tioner/applicant is advised that the record of a patent application is available to the public after publication of the nless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a semore, the record from an abandoned application may also be available to the public if the application is a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms be publicated for payment purposes are not retained in the application file and therefore are not publicly available.
LEGAL NAM	ME OF INVENTOR
Inventor: T	evfik Yuçek Date (Optional):
Signature:	
Note: An applic been previously	ation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have filed. Use an additional PTO/AIA/01 form for each additional inventor.

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The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT REEL: 034716 FRAME: 0885

RECORDED: 12/23/2014