

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5626774

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LOUIS CHEN	06/14/2019
RECEIVING PARTY DATA	
Name:	Bose Corporation
Street Address:	The Mountain, MS 3B1
City:	Framingham
State/Country:	MASSACHUSETTS
Postal Code:	01701
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16389240
CORRESPONDENCE DATA	
Fax Number:	(508)766-6971
<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:	508-766-6506
Email:	patents@bose.com
Correspondent Name:	BOSE CORPORATION
Address Line 1:	THE MOUNTAIN, MS 3B1
Address Line 2:	IP LEGAL - PATENT SUPPORT
Address Line 4:	FRAMINGHAM, MASSACHUSETTS 01701
ATTORNEY DOCKET NUMBER:	OG-19-136-US
NAME OF SUBMITTER:	JESSICA DOHERTY
SIGNATURE:	/Jessica Doherty/
DATE SIGNED:	07/19/2019
Total Attachments: 5	
source=20190419_Assignment_OG19136US#page1.tif	
source=20190419_Assignment_OG19136US#page2.tif	
source=20190419_Assignment_OG19136US#page3.tif	
source=20190419_Assignment_OG19136US#page4.tif	
source=20190419_Assignment_OG19136US#page5.tif	

ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is acknowledged, I, the below named inventor, (hereinafter referred to as Assignor), hereby assign to Bose Corporation, a corporation of Delaware, having a place of business at The Mountain, Framingham, MA 01701-9168, United States of America, 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 disclosed in or the subject of an application for United States Patent signed by Assignor entitled:

MULTI-ARM SPIRAL ANTENNA FOR A WIRELESS DEVICE

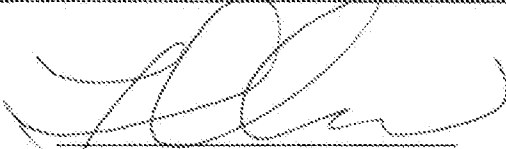
which is identified by Bose Corporation Docket No. **B2108-707719(OG-19-136)** for which Assignor filed an application of United States Letters Patent on **April 19, 2019** assigned Application Serial No. **16/389,240** (hereinafter the "Application").

This assignment includes: (i) the Application; (ii) continuation, divisional and other United States applications which claim priority to the Application; (iii) all foreign and international applications which claim priority to the Application; (iv) any and all United States and foreign patents, utility models, inventors' certificates, and design registrations granted for any of the inventions or improvements disclosed in or the subject of the Application, and (v) the right to claim priority based on the filing date of the Application under the United States Code, the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other statutes or treaties of like purposes.

Assignor authorizes the Assignee to apply in all countries in their name or in its own name for patents, utility models, design registrations, inventors' certificates and like rights of exclusion for any inventions or improvements which are disclosed in or the subject of the Application. Assignor agrees for himself or herself, and their 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.

Assignor covenants that (s)he has the full right to convey the interests assigned by this Assignment, and that (s)he has not executed and will not execute any agreement in conflict with this Assignment. Assignor further agrees that (s)he will, without further consideration: (i) promptly disclose to Assignee's patent attorney any prior art known to Assignor during the pendency of the Application or other US or foreign related applications; (ii) testify in any legal or administrative proceeding and participate in any examiner interview relating to the inventions or improvements described in or subject of the Application; and (iii) provide reasonable assistance to the Assignee to obtain and enforce proper patent protection for the inventions and improvements described in or subject of the Application.

This assignment and all disputes under this assignment shall be governed by the laws of the Commonwealth of Massachusetts. Any and all claims, lawsuits, or disputes of any kind between Assignor and Assignee shall be resolved in federal or state courts in the Commonwealth of Massachusetts.

 Louis Chen	<u>6/14/2019</u> (date)
---	----------------------------

Assignee Acceptance

Bose Corporation, the Assignee, hereby acknowledges and accepts the foregoing assignment.

Signature: 
Name: David L. Schuler
Title: Chief Intellectual Property Counsel

Date: 6/27/2019

DECLARATION FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

This declaration is directed to:

United States Patent Application Serial Number 16/389,240 filed April 19, 2019, titled MULTI-ARM SPIRAL ANTENNA FOR A WIRELESS DEVICE.

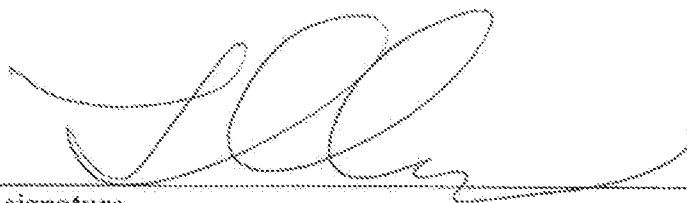
The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby state that I have reviewed and understand the contents of the application, including the claims.

I acknowledge the duty to disclose all information which is known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that any willful false statements made in this declaration are punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



6/14/2019

Inventor's signature

Date

Full legal name of original or original joint inventor:

Louis Chen

Electronic Acknowledgement Receipt

EPS ID:	36314220
Application Number:	16389240
International Application Number:	
Confirmation Number:	6641
Title of Invention:	MULTI-ARM SPIRAL ANTENNA FOR A WIRELESS DEVICE
First Named Inventor/Applicant Name:	Louis Chen
Customer Number:	128905
Filer:	John T. Spangenberg
Filer Authorized By:	
Attorney Docket Number:	B2108-707719(OG-19-136)
Receipt Date:	17-JUN-2019
Filing Date:	19-APR-2019
Time Stamp:	15:12:07
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part / .zip	Pages (if appl.)
1	Oath or Declaration filed	Executed_Declaration.pdf	853997 1169f48862405498a795214e5271048e2e12	no	1

Warnings:

Information:

Total Files Size (in bytes):

853997

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.