

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
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	Property Type	Number
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DATE SIGNED:	03/18/2019	
Total Attachments: 2		
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ASSIGNMENT

I, **Adrian J. Tang**, residing in the United States of America with a mailing address at **Jet Propulsion Laboratory / Cal Tech, 4800 Oak Grove Drive, 389A Sub-mm-wave Department, Pasadena, California 91109**,

hereby sell and assign for good and valuable consideration, the receipt of which I hereby acknowledge,

to CALIFORNIA INSTITUTE OF TECHNOLOGY, an entity having its principal place of business in United States of America at 1200 E. California Blvd. M/C 6-32, Pasadena, CA 91125,

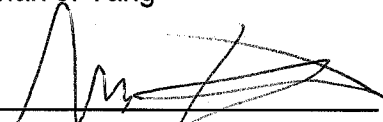
hereinafter referred to as the assignee, and also to its successors, assigns and nominees, **my** entire right, title and interest, including all priority rights under U.S. law and/or International conventions and treaties, in and to the **"Frequency Translating Backscatter Modulator with Envelope Control to Support OFDM/QAM and Other Envelope Modulated Wireless Protocols"** and/or improvements thereof or resulting therefrom,

invented by **me**, as described and/or claimed in U.S. Provisional Application No. **62/335,890**, filed on **May 13, 2016**, in **PCT Application No. PCT/US2017/031782**, filed on **May 9, 2017**, and in the corresponding **U.S. Patent Application No. 16/186,066**, filed on **November 9, 2018**, and in any other related patent applications filed and/or to be filed not only for, to and in the United States of America its territories and possessions, but also for, to and in all other countries, including any and all divisions, reissues, continuations, continuations-in-part and extensions of said U.S. Patent Application and any and all International patent applications related to said **U.S. Provisional Application No. 62/335,890** and/or **PCT Application No. PCT/US2017/031782** and/or **U.S. Patent Application No. 16/186,066**, and authorize and request any officials whose duty it is to issue patents, to issue any patent on said **"Frequency Translating Backscatter Modulator with Envelope Control to Support**


OFDM/QAM and Other Envelope Modulated Wireless Protocols” and/or improvements thereof or resulting therefrom to CALIFORNIA INSTITUTE OF TECHNOLOGY or its successors, assigns or nominees, and agree to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part and/or reissue applications, make all rightful oaths and/or declarations and generally do everything possible to aid CALIFORNIA INSTITUTE OF TECHNOLOGY, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in the United States of America and in all other countries.

Subscribed and executed at Pasadena USA
 City Country
 On Feb 25 2019
 Date

Inventor Name: Adrian J. Tang

Inventor Signature 

Witnessed by:

Witness Name: GOUTAM CHATTOPADHYAY Signature 

Witness Name: _____ Signature _____