

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6123146

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GEORGE ADRIAN MAXIM	01/21/2020
DIRK ROBERT WALTER LEIPOLD	05/13/2020
MICHAEL ALBERT ASKER	05/17/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EQUAL1.LABS INC.
<b>Street Address:</b>	1280 LITCHFIELD AVE
<b>City:</b>	FREMONT
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94536
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16747237
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Email:</b>	uspto@zaretsky.group
<b>Correspondent Name:</b>	HOWARD ZARETSKY
<b>Address Line 1:</b>	2604 ELMWOOD AVE
<b>Address Line 2:</b>	SUITE 206
<b>Address Line 4:</b>	ROCHESTER, NEW YORK 14618-2213
<b>ATTORNEY DOCKET NUMBER:</b>	12485.0051
<b>NAME OF SUBMITTER:</b>	SHARON ROSEN
<b>SIGNATURE:</b>	/Sharon Rosen/
<b>DATE SIGNED:</b>	05/27/2020
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 4</b>	
source=assignment-dec-0051-SIGNED#page1.tif	
source=assignment-dec-0051-SIGNED#page2.tif	
source=assignment-dec-0051-SIGNED#page3.tif	



**DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION USING  
AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

Title of Invention: **QUANTUM STRUCTURES USING APERTURE CHANNEL  
TUNNELING THROUGH DEPLETION REGION**

As a below named inventor, I hereby declare that:

This declaration is directed to U.S. Patent Application No. **16/747,237** filed on **January 20, 2020**.

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 have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. Section 1.56.

**WHEREAS**, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the docket number provided above in the header of this document;

**WHEREAS**, **equal1.labs Inc.** (hereinafter "Assignee"), with its principal place of business at 1280 Litchfield Ave, Fremont, CA 94536, desires to acquire the entire right, title and interest in, to and under the said Invention and the Application;

**NOW, THEREFORE**, for good and valuable consideration including salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Assignee, its successors, legal representatives and assigns, my entire right, title and interest throughout the world in, to and under the Invention and the Application and all provisionals, non-provisionals, extensions, divisionals, continuations, renewals and reissues thereof, and all Letters Patent of the United States which may be granted thereon and all extensions, divisionals, continuations, renewals and reissues thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said Improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and including all rights to publish cautionary notices reserving ownership of the said Improvements and the said Application and all rights to register the said Improvements

and the said Application in appropriate registries; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said Improvements to the said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

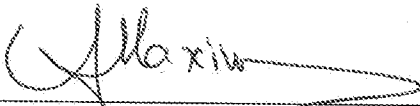
**AND I HEREBY** covenant that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

**AND I HEREBY** further covenant and agree that I will communicate to the said Assignee, its successors, legal representatives and assigns, any facts known to us respecting said Improvements and testify in any legal proceeding, sign all lawful papers, execute all non-provisional, divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said Improvements in all countries.

**I HEREBY ACKNOWLEDGE** that any willful false statement made in this declaration is punishable under 18 U.S.C. Section 1001 by fine or imprisonment of not more than five (5) years, or both.

**IN TESTIMONY WHEREOF**, I authorize and affirm said assignments with the signatures set forth below on the indicated dates.

The undersigned hereby grant the firm of Zaretsky Group PC the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

  
 \_\_\_\_\_ Date: 01/21/2020  
 George Adrian Maxim  
 Citizenship: United States

\_\_\_\_\_  
 \_\_\_\_\_ Date: \_\_\_\_\_  
 Dirk Robert Walter Leipold  
 Citizenship: United States

\_\_\_\_\_  
 \_\_\_\_\_ Date: \_\_\_\_\_  
 Michael Albert Asker  
 Citizenship: United States

12485.0051

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12485.0051

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**AND I HEREBY** covenant that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.


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The undersigned hereby grant the firm of Zaretsky Group PC the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

\_\_\_\_\_  
George Adrian Maxim  
Citizenship: United States  
Date: \_\_\_\_\_

DocuSigned by:  
  
70818F2715DE440...  
Dirk Robert Walter Leipold  
Citizenship: United States  
Date: 5/13/2020

DocuSigned by:  
  
4475423FED7B42B...  
Michael Albert Asker  
Citizenship: United States  
Date: 5/17/2020