

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHRIS MACK	12/06/2019
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16282969
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<b>SIGNATURE:</b>	/Stephen A. Mason/
<b>DATE SIGNED:</b>	12/09/2019
<b>Total Attachments: 2</b>	
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source=Assignment 81837-104#page2.tif	

## ASSIGNMENT

FOR VALUABLE CONSIDERATION provided by FRACTILIA, LLC, the receipt and sufficiency of which are hereby acknowledged, I, CHRIS MACK ("ASSIGNOR"), having made an invention in **EDGE DETECTION SYSTEM AND ITS USE FOR OPTICAL PROXIMITY CORRECTION**, while in the employ either as an employee or consultant of FRACTILIA, LLC, a corporation doing business at 1605 Watchhill Road, Austin, Texas 78703, (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **EDGE DETECTION SYSTEM AND ITS USE FOR OPTICAL PROXIMITY CORRECTION**;
2. United States of America non-provisional application on said invention, filed **February 22, 2019**, having **Application Serial No. 16/282,969**, titled **"EDGE DETECTION SYSTEM AND ITS USE FOR OPTICAL PROXIMITY CORRECTION"**;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
8. All international rights of priority associated with said invention, applications, patents and like protection;

