

## PATENT ASSIGNMENT COVER SHEET

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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>
JONATHAN SEAN KARAFIN	12/06/2019
BRENDAN ELWOOD BEVENSEE	12/06/2019
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<b>Name:</b>	LIGHT FIELD LAB, INC.
<b>Street Address:</b>	699 E. BROKAW ROAD
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95112
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16634121
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<b>ATTORNEY DOCKET NUMBER:</b>	07726.1191
<b>NAME OF SUBMITTER:</b>	KRISTAL VELIZ
<b>SIGNATURE:</b>	/KRISTAL VELIZ/
<b>DATE SIGNED:</b>	01/31/2020
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

WHEREAS, I, the undersigned inventor of residence as listed, have invented certain new and useful improvements as listed on the attached Schedule A, for which an application for United States Letters Patent is made, said applications having been designated as set forth below and filed on or about the date set forth below; and

WHEREAS, **LIGHT FIELD LAB, INC.** (hereinafter referred to as "Assignee"),

with an address of:

699 E. Brokaw Road

San Jose, CA 95112

desires to acquire the entire right, title and interest in and to the inventions, and in and to the said application and any Letters Patent(s) that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said inventions and in and to said applications and all patents which may be granted therefore, and all utility applications, national phase applications, divisional applications, renewal applications, reissues applications, continuation applications, continuations-in-part applications, patent of addition applications, confirmation applications, validation applications, design applications, and any extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said inventions, or patents resulting therefrom including any and all issued patents which may have granted or be granted hereafter thereon and all reissues, renewals and reexaminations, insofar as our interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said applications throughout the world including any foreign countries or treaty/union organizations, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including any and all rights of priority under Patent cooperation Treaty, Paris Convention, and any and all other International Conventions, Treaties or Agreements, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries thereof; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any known facts respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers,


execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

I hereby grant CHARLES C. YANG, Registration No. 62,059 and JOHN YANG, Registration No. 60,384, and all practitioners with the firm of Burke, Williams and Sorensen, LLP, (Customer Number 120663) with an office at 1901 Harrison Street, Suite 900, Oakland, CA 94612, 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 and Trademark Office for recordation of this document.

The undersigned further declares that all statements made herein of his/her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor:



Inventor(s) Name:

Jonathan Sean Karaffin

Residence (city/state/country): SAN JOSE, CA

Date: 12-6-2019

Signature of Inventor:



Inventor(s) Name:

Brendan Elwood Bevenssee

Residence (city/state/country): San Jose, CA

Date: 12-6-2019

Schedule A

Atty. Docket Number	Application Serial No.	Filing Date	Invention Title
07726.1192	PCT/US19/13552	1/14/2019	SYSTEMS AND METHODS FOR DIRECTING MULTIPLE 4D ENERGY FIELDS
07726.1191	16/634,121	1/24/2020	SYSTEMS AND METHODS FOR DIRECTING MULTIPLE 4D ENERGY FIELDS