506342965 11/06/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6389719

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
BENJAMIN CHRYSLER	05/15/2018
RAYMOND K. KOSTUK	05/15/2018

RECEIVING PARTY DATA

Name:	ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA	
Street Address:	THE UNIVERSITY OF ARIZONA, TECH LAUNCH ARIZONA	
Internal Address:	220 WEST SIXTH STREET, 4TH FLOOR	
City:	TUCSON	
State/Country:	ARIZONA	
Postal Code:	85701	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17053669	

CORRESPONDENCE DATA

Fax Number: (404)815-3509

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.

Phone: 404-815-3500

Email: docketing@sgrlaw.com

SMITH, GAMBRELL & RUSSELL **Correspondent Name:** Address Line 1: SUITE 3100, PROMENADE II Address Line 2: 1230 PEACHTREE STREET, N.E. Address Line 4: ATLANTA, GEORGIA 30309-3592

ATTORNEY DOCKET NUMBER:	062479.0014US1	
NAME OF SUBMITTER:	DESIREE JENKINS	
SIGNATURE:	/Desiree Jenkins/	
DATE SIGNED:	11/06/2020	

Total Attachments: 2

source=062479_0014US1_Assignment_filed_11-6-2020#page1.tif source=062479 0014US1 Assignment filed 11-6-2020#page2.tif

PATENT REEL: 054303 FRAME: 0827 506342965

ASSIGNMENT OF PATENT RIGHTS

Assignor: Benjamin Chrysler: 1230 E. Speedway Boulevard Tucson, Arizona 85721

Raymond K. Kostuk: 1230 E. Speedway Boulevard Tucson, Arizona 85721

Assignee: Arizona Board of Regents on Behalf of the University of Arizona, a body

corporate duly formed in accordance with Title 15 of the Arizona Revised Statutes, with an address as follows: The University of Arizona, Tech Launch Arizona, University Services Annex, 4th Floor, P.O. Box 210300A, Tucson, AZ 85721 (physically located at The University of Arizona, Tech Launch Arizona,

220 West Sixth Street, 4th Floor, Tucson, AZ 85701).

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignors hereby sell, assign, transfer, and convey unto Assignee, its successors and assigns, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "Patent Rights"):

(a) all patent applications and/or patents listed in the table below (the "Patents");

UA Ref. No.	Patent or Application No.	Country	Filing Date	Title of Patent and First Named Inventor
UA18-195	62/668,165	US	May 7, 2018	FABRICATION AND REPLICATION OF VOLUME HOLOGRAPHIC OPTICAL ELEMENTS - Benjamin Chrysler

- (b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, (ii) for which any of the Patents directly or indirectly forms a basis for priority, and/or (iii) that were co-owned and directly or indirectly incorporate by reference the Patents;
- (c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);
- (d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances, including, without limitation, all rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;
- (e) all inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories and all other rights arising out of such inventions, invention disclosures, and discoveries, and all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories, including, for past, current, and future infringement; and
- (f) all the rights to claim priority provided by the Paris Convention or the Patent Cooperation Treaty.

Assignors confirm that, at the time the invention was made, Assignors were obligated to assign, and did assign, the invention to Assignee. Assignors represent, warrant and covenant that Assignors have the full power and authority, and have obtained all third party consents, approvals and/or other authorizations required to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee.

Assignors hereby authorize the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee as the assignee to the entire interest therein.

Assignors will, at the reasonable request of Assignee and without demanding any further consideration therefor, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Assignors have not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant the firm of <u>Davis Wright Tremaine LLP</u> 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 terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignors, its successors, assigns, and other legal representatives.

This Assignment of Patent Rights is executed on the date(s) below.

ASSIGNOR:

By

Pmm & am

Mangareth Unix

Date: 5-15-2018

Printed Name: Benjamin Chrysler

ASSIGNOR:

By:

Date: 5-15-2018

Printed Name: Raymond K. Kostuk

Short Form IP Assignment 02-22-17

PATENT REEL: 054303 FRAME: 0829