#### 504671240 12/05/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4717962

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KENNETH E. ANDERSON	12/04/2017
ADAM URNESS	12/04/2017
MARK R. AYRES	12/04/2017

#### **RECEIVING PARTY DATA**

Name:	AKONIA HOLOGRAPHICS LLC
Street Address:	2021 MILLER DRIVE
City:	LONGMONT
State/Country:	COLORADO
Postal Code:	80501

#### **PROPERTY NUMBERS Total: 2**

Property Type	Number
Application Number:	62318039
Application Number:	15479252

#### **CORRESPONDENCE DATA**

Fax Number: (800)776-0849

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.

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**Correspondent Name:** ALBERT HAEGELE Address Line 1: 2021 MILLER DRIVE

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ATTORNEY DOCKET NUMBER:	AHL407.00
NAME OF SUBMITTER:	ALBERT HAEGELE
SIGNATURE:	/Albert Haegele/
DATE SIGNED:	12/05/2017

#### **Total Attachments: 2**

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**PATENT** REEL: 044298 FRAME: 0293 504671240

### ASSIGNMENT OF INVENTION RIGHTS TO AKONIA HOLOGRAPHICS LLC

WHEREAS, we:

Kenneth E. Anderson 2115 Mallard Place Longmont, Colorado 80504

Adam Urness 338 Pheasant Run Louisville, Colorado 80027

and

Mark R. Ayres 5847 S. Orchard Creek Circle Boulder, Colorado 80301

have invented certain new and useful inventions for which the following applications for Letters Patent of the United States have been filed:

Application number 62/318,039, titled WAVEGUIDE HOMOGENIZATION, filed 04-APR-2016; and

Application number 15/479,252, titled LIGHT HOMOGENIZATION, filed 04-APR-2017.

Whereas, Akonia Holographics LLC, a Delaware Limited Liability Company having its principal place of business at 2021 Miller Drive, Longmont, CO 80501 (the "Assignee"), is acquiring the entire right, title and interest in and to said inventions, said applications, and in, to and under any and all Letters Patent to be obtained therefore.

Now therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the Assignee, its successors and assigns, our entire right, title and interest in and to said inventions, said applications, all divisions, continuations, continuations-in-part, reissues, or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue therefrom, including all reissues or extensions of such patents including all of our rights under the International Convention (collectively "the Patent Rights"), and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above-mentioned Assignee in accordance herewith.

We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally, to claim the filing dates of said United States applications and/or otherwise take advantage of the provisions of the International Convention.

PATENT REEL: 044298 FRAME: 0294

# Assignment of Invention Rights to Akonia Holographics LLC US Patent Application Nos. 62/318,039, and 15/479,252 Page 2 of 2

We represent and warrant that we have the right and authority to execute this Assignment and to convey all our right, title, and interest in the Patent Rights, and that we have not conveyed nor will convey hereafter all or part of the Patent Rights therein to a third party; and we do hereby covenant and agree with the Assignee, its successors and assigns, that we will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said inventions, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

In Witness Whereof, we have hereunto set our hands and affixed our seals on the dates indicated below.

This document may be executed in multiple counterparts, each of which shall be considered an original.

Kenneth F. Anderson

*~/ '// /* Date

Adam Urness

Date

Mark R. Ayres

**Date** 

PATENT REEL: 044298 FRAME: 0295

**RECORDED: 12/05/2017**