PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5363519

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN PARKER	07/08/2016
GREGORY ALAN FISH	07/06/2016
BRIAN R. KOCH	07/06/2016

RECEIVING PARTY DATA

Name:	AURRION, INC.
Street Address:	6868 CORTONA DRIVE SUITE C
City:	GOLETA
State/Country:	CALIFORNIA
Postal Code:	93177

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16269293

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	4213.048US4
NAME OF SUBMITTER:	BETH MOON
SIGNATURE:	/Beth Moon/
DATE SIGNED:	02/06/2019

Total Attachments: 5
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ASSIGNMENT

WHEREAS, John Parker, Gregory Alan Fish and Brian R. Koch (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on April 15, 2016, which application was assigned US patent application serial number 15/130,156, and which is titled RADIO-FREQUENCY LOSS REDUCTION IN PHOTONIC CIRCUITS; which are described in a patent application filed on April 16, 2015, which application was assigned US application serial number 62/148,353, and which is titled RADIO FREQUENCY (RF) LOSS REDUCTION THROUGH ADDED BREAKS IN CONDUCTIVE LAYERS.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Aurrion, Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 6868 Cortona Drive, Suite C, Goleta, CA 93117, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any

information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignor:

(Signature): / John Parker /

Name: **John Parker**

City/State: **Goleta, CA**

Date: 7/8/2016

Assignor:

(Signature): / Gregory Fish /

Name: Gregory Alan Fish

City/State: Santa Barbara, CA

Date: 7/6/2016

Assignor:

(Signature): / Brian Koch /

Name: **Brian R. Koch**

City/State: **San Carlos, CA**

Date: 7/6/2016