504201841 01/29/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EREZ HASMAN	01/29/2016

RECEIVING PARTY DATA

Name:	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
Street Address:	3000 EL CAMINO REAL, BUILDING FIVE, THIRD FLOOR
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15418743

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 650-331-8412 Email: tom@lumen.com

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ATTORNEY DOCKET NUMBER:	S15-229/US	
NAME OF SUBMITTER:	THOMAS J MCFARLANE	
SIGNATURE:	/Thomas J. McFarlane/	
DATE SIGNED:	01/29/2017	

PATENT 504201841 REEL: 041114 FRAME: 0401

Total Attachments: 1

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PATENT REEL: 041114 FRAME: 0402

ASSIGNMENT OF INVENTION AND PATENT

This Assignment of Invention and Patent (the "Assignment") is made and effective as of **January 29**, **2016**, by and between

Erez Hasman, an individual residing in Hadera, Israel, (the "Assignor") and

The Board of Trustees of the Leland Stanford Junior University, an entity whose address is 3000 El Camino Real, Building Five, Third Floor, Palo Alto, CA 94306, USA and The Technion Research and Development Foundation Ltd, an entity whose address is Senate House, Technion City, Haifa 32000, Israel (the "Joint Assignees").

- 1) For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Joint Assignees and the successors, assigns, and legal representatives of Joint Assignees, all of its right, title and interest in and to (i) the invention or inventions described in US patent application 62/288935 filed 1/29/2016 entitled Spatially Multiplexed/interleaved Dielectric Metasurface Optical Elements (the "Application") naming Assignor as an inventor, (ii) any and all patent applications (whether provisional or non-provisional) relating to said invention(s), including all continuations, continuations-in-part, divisions, substitutes, reissues or renewals thereof, in any and all countries, (iii) any and all patents relating to such invention(s) in any and all countries that may be granted on any such application(s), including all reissues or extensions of any such patents and (iv) any and all domestic and foreign rights of priority resulting from the filing of the Application.
- 2) Assignor hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into by Assignor which would conflict with this Assignment. Assignor represents and warrants to Joint Assignees that at the time of the execution and delivery of this Assignment, Assignor solely owns (or jointly owns, if the invention(s) were jointly made) the entire right, title and interest in and to said invention(s).
- 3) Assignor agrees that Joint Assignees may apply for foreign patents relating to said invention(s) and irrevocably authorizes Joint Assignees and grants Joint Assignees the right to do so.
- 4) Assignor agrees, on request and without further consideration, but at the expense of Joint Assignees, to sign all lawful papers, make all rightful oaths, and give any required testimony in any legal proceedings relating to said invention(s), and to generally aid Joint Assignees, or its successors or assigns to obtain and enforce patent protection for said invention(s) in any and all countries.
- 5) Assignor authorizes and requests any official whose duty it is to issue patents to issue any patent on said invention(s) to Joint Assignees, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.
- 6) This Assignment shall bind and inure to the benefit of the successors, assigns and personal representatives of the respective parties.

Assignor has executed this Assignment as of the Effective Date of January 29, 2016.

Assignor: Erez Hasman

Lumen Ref.: S15-229/PROV

PATENT REEL: 041114 FRAME: 0403

RECORDED: 01/29/2017