

## 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>
SANDEEP NEGI	10/07/2016
RAJMOHAN BHANDARI	04/26/2017
MD MOBASHIR HASAN SHANDHI	09/27/2016
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<b>City:</b>	SALT LAKE CITY
<b>State/Country:</b>	UTAH
<b>Postal Code:</b>	84112
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15261648
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	00846-U6017.NP
<b>NAME OF SUBMITTER:</b>	ERIK S. ERICKSEN
<b>SIGNATURE:</b>	/ErikSEricksen/
<b>DATE SIGNED:</b>	05/25/2017
<b>Total Attachments: 4</b>	
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WHEN RECORDED RETURN TO:  
Erik S. Ericksen, M.S.  
Thorpe North & Western, LLP  
P.O. Box 1219  
Sandy, UT 84091-1219

Docket No. 00846-U6017.NP

## ASSIGNMENT

WHEREAS, we, Sandeep Negi (resident of the State of Utah, whose postal mailing address is 615 Arapeen Drive, Suite 310, Salt Lake City, Utah 84108), Rajmohan Bhandari (resident of the State of Utah, whose postal mailing address is 615 Arapeen Drive, Suite 310, Salt Lake City, UT 84108), and Md. Mobashir Hasan Shandhi (resident of the State of Utah, whose postal mailing address is 615 Arapeen Drive, Suite 310, Salt Lake City, Utah 84108), (hereinafter "Assignors") have invented a certain new and useful improvement in a **HIGH ASPECT RATIO SHADOW MASKS AND METHODS OF MAKING AND USING THE SAME** for which an application for United States Letters Patent is being filed concurrently herewith OR which was filed on September 9, 2016 as THORPE NORTH & WESTERN, LLP Docket No. 00846-U6017.NP, and given U.S. Patent Application Serial No. 15/261,648; and:

WHEREAS, University of Utah, an Institute of Higher Education, organized and existing under the laws of the State of Utah, having a business address of 201 S. Presidents Circle, Salt Lake City, Utah 84112, (hereinafter "Assignee"), is desirous of acquiring Assignor's entire right, title, and interest in the same;

NOW, THEREFORE, in consideration of one dollar (\$1.00) and other good and valuable consideration paid to us by the Assignee, the receipt and sufficiency whereof is hereby acknowledged, we the said Assignors, hereby grant and assign unto the said Assignee, our entire right, title and interest in said invention and in all patent applications based thereon, including but not limited to the above identified United States Patent Application and in all provisionals, divisions, continuations, and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and

foreign countries; the right, power and authority to file and prosecute U.S. and foreign patent applications on said invention, and to do so in its own name wherever such right may be legally exercised, and including the right to claim the priority and benefits of the International Convention for such applications; and the right to bring actions for infringement of any right in said invention in its own name, including past infringement, in any jurisdiction.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all Letters Patent on said invention to the said Assignee as the owner of our entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following: prompt execution of all original, divisional, substitution, reissue, and other United States and foreign patent applications on said invention, and all lawful documents as requested by the Assignee to further the prosecution of any of such patent applications; and cooperation to the best of our ability including, but not limited to, the execution of all lawful documents, the production of evidence in any actions or proceedings concerning the invention, including, but not limited to, nullification, reissue, extension, and infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

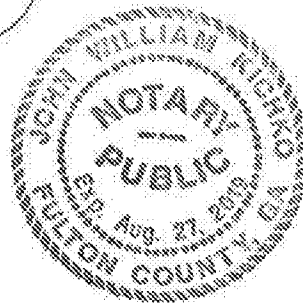
Executed this 27 day of September, 2016 at Atlanta,  
Georgia (City, State).

Md. Mobashir Hasan Shandhi  
Md. Mobashir Hasan Shandhi

STATE OF GEORGIA  
County of FULTON : ss

Before me personally appeared Md. Mobashir Hasan Shandhi and acknowledged the  
foregoing instrument to be his free act and deed this 27 day of SEPTEMBER,  
2016.

Notary Public



Executed this 7<sup>th</sup> day of October, 2016 at Salt Lake City,  
Utah (City, State).

Sandeep Negi  
Sandeep Negi

STATE OF Utah )  
County of Salt Lake ) : SS

Before me personally appeared Sandeep Negi and acknowledged the foregoing  
instrument to be his free act and deed this 7<sup>th</sup> day of October, 2016.



Leslie J. Smith  
Notary Public

Executed this 20<sup>th</sup> day of April, 2017 at Salt Lake  
City, UT (City, State).

Rajmohan Bhandari  
Rajmohan Bhandari

STATE OF Utah )  
County of Salt Lake ) : SS

Before me personally appeared Rajmohan Bhandari and acknowledged the foregoing  
instrument to be his free act and deed this 20<sup>th</sup> day of April, 2017.

Deborah K. Arnold  
Notary Public

