503141900 01/20/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WOLFGANG EMER	09/16/2013
DIRK HELLWEG	09/13/2013

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13935972

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DATE SIGNED:	01/20/2015	

Total Attachments: 1

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PATENT 503141900 REEL: 034751 FRAME: 0583

Assignment

Whereas, We, Wolfgang EMER of Aalen, GERMANY; and Dirk HELLWEG of Aalen. GERMANY, respectively, hereinafter called assignors, have invented certain improvements in

> METHOD FOR MEASURING AN ANGULARLY RESOLVED INTENSITY DISTRIBUTION AND PROJECTION EXPOSURE APPARATUS

and executed an application for Letters Patent of the United States of America therefor; and

Whereas, CARL ZEISS SMT GMBH of Rudolf-Eber-Strasse 2, 73447 Oberkochen, Germany, , (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 13/935,972 and Confirmation number 9607, filed July 5, 2013) the application number, confirmation number and filing date of said application when known.

September 16, 2013 s/Wolfgang EMER

September 13, 2013

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT REEL: 034751 FRAME: 0584

RECORDED: 01/20/2015