

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Josef Heinisch</td> <td>01/09/2012</td> </tr> <tr> <td>Stefan Krey</td> <td>12/19/2011</td> </tr> <tr> <td>Eugen Dumitrescu</td> <td>12/21/2011</td> </tr> <tr> <td>Aiko Ruprecht</td> <td>11/10/2011</td> </tr> <tr> <td>Patrik Langehanenberg</td> <td>11/10/2011</td> </tr> </tbody> </table>		Name	Execution Date	Josef Heinisch	01/09/2012	Stefan Krey	12/19/2011	Eugen Dumitrescu	12/21/2011	Aiko Ruprecht	11/10/2011	Patrik Langehanenberg	11/10/2011
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>TRIOPTICS GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Hafenstr. 35-39</td> </tr> <tr> <td>City:</td> <td>Wedel</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>D-22880</td> </tr> </table>		Name:	TRIOPTICS GmbH	Street Address:	Hafenstr. 35-39	City:	Wedel	State/Country:	GERMANY	Postal Code:	D-22880		
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CORRESPONDENCE DATA													
<p>Fax Number: (312)291-0864</p> <p>Phone: 312-291-0860</p> <p>Email: vgarofoli@lsk-iplaw.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Lempia Summerfield Katz LLC</p> <p>Address Line 1: One North LaSalle Street</p> <p>Address Line 2: Suite 2900</p> <p>Address Line 4: Chicago, ILLINOIS 60602</p>													
ATTORNEY DOCKET NUMBER:	010127-11008A												
NAME OF SUBMITTER:	G. Christopher Braidwood												
<p>Total Attachments: 2</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p>													

CH \$40.00 13302697

ASSIGNMENT

For valuable consideration, we,

Josef Heinisch, Wedel, Germany  
Stefan Krey, Pinneberg, Germany  
Eugen Dumitrescu, Germany  
Aiko Ruprecht, Wedel, Germany  
Patrik Langehanenberg, Hamburg, Germany

hereby assign to:

.....TRIOPTICS GmbH....., a corporation of Germany.....;  
having a place of business at: Hafenstr. 35-39, D-22880 Wedel, DE.....;  
and its successors and assign (collectively hereinafter called "the Assignee") the entire right,  
title and interest throughout the world in the inventions and improvements which are subject  
of an application for United States Patent signed by us entitled  
Measurement of the Positions of Centres of Curvature of Optical  
Surfaces of a Multi-Lens Optical System  
filed November 22, 2011, and assigned U.S. Serial Number 13/302 697.....,  
and we authorize and request the attorneys appointed in said application to hereafter complete  
this assignment by inserting above the filing date and serial number of said application when  
known; this assignment including said application, any and all United States and foreign  
patents, utility models, and design registrations granted for any of said inventions or  
improvements, and the right to claim priority based on the filing date of said application under  
the International Convention for the Protection of Industrial Property, the Patent Cooperation  
Treaty, the European Patent Convention, and all other treaties of like purposes; and we  
authorize the Assignee to apply in all countries in our name or in its own name for patents,  
utility models, design registrations and like rights of exclusion and for inventors' certificates  
for said inventions and improvements; and we agree for ourselves our respective heirs, legal  
representatives and assigns, without further compensation to perform such lawful acts and to  
sign such further applications, assignments, Preliminary Statements and other lawful  
documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 9.1.2012 Heinisch  
(Josef Heinisch)

Date: 19.12.11 S. Krey  
(Stefan Krey)

Date: 21.12.11 Eugen Dumitrescu  
(Eugen Dumitrescu)

Date: 70.77.77 Aiko Ruprecht  
(Aiko Ruprecht)

Date: 10.11.2011 P. Langenberger  
(Patrik Langenberger)