

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>Ralph Sattmann</td> <td>08/31/2012</td> </tr> <tr> <td>Jan Vydra</td> <td>08/31/2012</td> </tr> <tr> <td>Michael Huenermann</td> <td>08/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ralph Sattmann	08/31/2012	Jan Vydra	08/31/2012	Michael Huenermann	08/24/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Heraeus Quarzglas GmbH & Co. KG</td> </tr> <tr> <td>Street Address:</td> <td>Quarzstrasse 8</td> </tr> <tr> <td>City:</td> <td>Hanau</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>63450</td> </tr> </table>		Name:	Heraeus Quarzglas GmbH & Co. KG	Street Address:	Quarzstrasse 8	City:	Hanau	State/Country:	GERMANY	Postal Code:	63450
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CORRESPONDENCE DATA											
<p>Fax Number: 2124903295</p> <p>Phone: 212-490-3285</p> <p>Email: atiajolloff@tkiplaw.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: Tiajolloff & Kelly LLP</p> <p>Address Line 1: 405 Lexington Avenue</p> <p>Address Line 2: 37th floor</p> <p>Address Line 4: New York, NEW YORK 10174</p>											
NAME OF SUBMITTER:	Andrew L. Tiajolloff										
<p>Total Attachments: 2</p> <p>source=assignment522010738#page1.tif</p> <p>source=assignment522010738#page2.tif</p>											

CH \$40.00 13583605

PATENT

ASSIGNMENT

WHEREAS, I, as below named inventor, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

METHOD AND TUBULAR SEMI-FINISHED PRODUCT FOR PRODUCING AN OPTICAL FIBER

for which an international patent application designating the United States was filed on 10 March 2011 and assigned Serial No. PCT/EP2011/053598;

AND WHEREAS,

Heraeus Quarzglas GmbH & Co. KG, a German corporation with offices at Quarzstrasse 8, 63450 Hanau, Germany, (hereinafter referred to as ASSIGNEE) is desirous of acquiring all, right, title and interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, including any and all rights to bring legal action to prevent or recover for any and all infringement thereof, and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, and any official of any country whose duty is to issue patents on applications as described above, to issue all Letters Patent in the United States of America and any other country to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and

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Atty. Docket no. 52201-0738

legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow:

Serial Number: 13/583,605, Filing Date: 10 March 2011.

This assignment executed on the dates indicated below.

Aug. 31, 2012
Date

Aug. 31, 2012
Date

Aug. 24, 2012
Date

Ralph Sattmann
Ralph Sattmann

Jan Vydra
Jan Vydra

Michael Huenermann
Michael Huenermann