

04-11-2005



U.S. DEPARTMENT OF COMMERCE

Form PTO-1595 (Rev. 03/05) nited States Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/2005) RI 102977109 IENIS UNL 1 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Name: Heraeus Quarzglas GmbH & Co. KG Bodo Kühn Stephan Thomas Internal Address: \_\_\_\_\_ Steffen Kaiser Additional name(s) of conveying party(ies) attached? 🔲 Yes 🗹 No 3. Nature of conveyance/Execution Date(s): Street Address: Quarzstrasse 8 Execution Date(s) 3/18/05; 3/21/05; 3/18/05 63450 Hanau Germany Merger ✓ Assignment Change of Name Security Agreement State: Joint Research Agreement Government Interest Assignment Zip: Country:\_\_\_\_\_ Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes Vo No Other 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 04/01/2005 HMARZI1 00000051 11093318 40.00 OP 05 FC:8021 Additional numbers attached? Yes No 6. Total number of applications and patents 5. Name and address to whom correspondence concerning document should be mailed: involved: 1 Name: Andrew L. Tiajoloff 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 \_\_ Authorized to be charged by credit card Internal Address: Authorized to be charged to deposit account **Enclosed** Street Address: Tiajoloff & Kelly None required (government interest not affecting title) 405 Lexington Avenue, 37th Fl. 8. Payment Information City: New York a. Credit Card Last 4 Numbers State: NY Zip:10174 Expiration Date \_\_\_\_ Phone Number:212-490-3285 b. Deposit Account Number 50-1659 Fax Number: 212-490-3295\_\_\_ Authorized User Name Email Address: altpto@patentadvance.com 9. Signature: March 30, 2005 Signature Date

> Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Andrew L. Tiajoloff

Name of Person Signing

PATENT REEL: 016441 FRAME: 0182

Total number of pages including cover

sheet, attachments, and documents:

## **ASSIGNMENT**

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, 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

## OPTICAL COMPONENT OF QUARTZ GLASS, METHOD FOR PRODUCING THE OPTICAL COMPONENT, AND USE THEREOF

for which I have executed an application for United States patent contemporaneously herewith,

AND WHEREAS, <u>Heraeus Quarzglas GmbH & Co. KG</u>, a German corporation with offices at Quarzstrasse 8, 63450 Hanau, Germany, (hereinafter referred to as ASSIGNEE) is desirous of acquiring all, 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, 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 assignees 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 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;

- 1 -

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:	, Filing Date:
This assignment executed on the dates indicated below.	
07/18/2005 Date	BODO KÜHN
21.03.2005 Date	STEPHAN THOMAS
March 17, 2005	Steller Bassa

STEFFEN KAISER

**RECORDED: 03/30/2005** 

Date