

04/24/00

05-01-2000

WBAM Ref. No.:KG37904-0017

FORM PTO-1595

RECORD



U.S. DEPARTMENT OF COMMERCE

PATENTS ONLY Patent and Trademark
To the Honorable Commissioner of Patents and Trademarks

101339985

Documents or copy thereof.

<p>1. Name of conveying party(ies)</p> <p>Waltraud Werdecker Heinz Fabian Udo Gertig Johann Leist Rolf Cöbel</p> <p>Additional name(s) of conveying party(ies) attached? Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>1) Heraeus Quarzglas GmbH & Co. KG Quarzstrasse 63450 Hanau Germany</p> <p>Additional name(s) & address(es) attached? _ Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Dates: 4/4/00; 4/5/00; 4/6/00</p>	



4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

<p>A. Patent Application No.(s)</p> <p>U.S. Serial No. 09/484,113</p>	<p>B. Patent No.(s)</p> <p>Additional numbers attached? _ Yes <input checked="" type="checkbox"/> No</p>
---	--

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Andrew L. Tiajloff, Esq.</u> Internal Address: <u>Whitman Breed Abbott & Morgan LLP</u> Street Address: <u>200 Park Avenue</u> City: <u>New York</u> State: <u>NY</u> Zip: <u>10166</u></p>	<p>6. Total number of applications and patents involved <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> Check # _____ is Enclosed</p> <p>Authorized to be charged to deposit account #50-0297</p> <p>8. Deposit account number: 50-0297 (Attach duplicate copy of this page if paying by deposit account)</p>
---	---

Do not use this space

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

<p><u>Andrew L. Tiajloff</u> Name of Person Signing</p>	<p> Signature</p>	<p><u>April 21, 2000</u> Date</p>
---	-----------------------	---------------------------------------

Total number of pages including cover sheet, attachments, and document): 3

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

04/25/2000 HSHIFERN 0000063 09484113
03 FC:581
446227-v1 0037904-0017

PATENT
REEL: 010734 FRAME: 0608

ASSIGNMENT

WHEREAS, I, as a 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

PROCESS FOR MAKING OPAQUE QUARTZ GLASS, FOR CARRYING OUT THE PROCESS SUITABLE SiO₂ GRANULATE, AND COMPONENT OF OPAQUE QUARTZ GLASS

for which U.S. patent application serial no. 09/484,113 was filed on January 14, 2000;

AND WHEREAS, Heraeus Quarzglas GmbH & Co. KG, a German corporation with offices at Quarzstrasse, 63450 Hanau, Germany (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 to issue the said United States Letters Patent 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 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;

This assignment executed on the dates indicated below.

April 4th, 2000 Waltraud Werdecke
Date Waltraud Werdecke

April 6th, 2000 Heinz Fabian
Date Heinz Fabian

April 1st, 2000 Udo Gertig
Date Udo Gertig

April 5th, 2000 Johann Leist
Date Johann Leist

April 6th, 2000 Rolf Göbel
Date Rolf Göbel