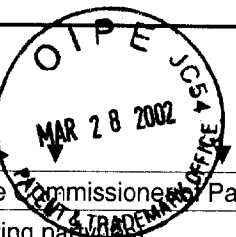


04-03-2002

Docket No.: 37904-0035

FORM PTO-1595 (Modified)  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)  
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U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Inaki, Kyoichi**  
**Araki, Itsuo**  
*3-28-02*  
Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):  
Name: **Heraeus Quarzglas GmbH & Co. KG**  
Internal Address: \_\_\_\_\_  
Street Address: **Quarzstrasse 8**  
**63450 Hanau, Germany**  
City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: **March 8, 2002**

4. Application number(s) or registration numbers(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
A. Patent Application No.(s)  
**10/006,827**  
**December 4, 2001**  
**03/29/2002 SSESHE1 00000025 10006827**  
**03 FC:581 40.00 DP**  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
6. Total number of applications and patents involved: **1**

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Andrew L. Tiajloff**  
Internal Address: \_\_\_\_\_  
Street Address: **330 Madison Avenue**  
City: **New York** State: **NY** ZIP: **10017**

7. Total fee (37 CFR 3.41):.....\$ **40.00**  
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
 Authorized to be charged to deposit account  
8. Deposit account number:  
**50-1659**

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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.*  
**Andrew L. Tiajloff**  
Name of Person Signing

**March 20, 2002**  
Date

Total number of pages including cover sheet, attachments, and document: **4**

## 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

### FLUORORESIN-COATED QUARTZ GLASS JIG AND METHOD FOR PRODUCING THE SAME,

For which a United States patent application was filed on December 4, 2001 and assigned serial number 10/006,827;

#### **AND WHEREAS,**

**Heraeus Quarzglas GmbH & Co. KG**, a German corporation with offices at Quarzstrasse 8, 63450 Hanau, Germany,

and

**Shin-Etsu Quartz Products Co., Ltd.**, a Japanese corporation with offices at 22-2, Nishi-Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023, Japan,

(hereinafter together referred to as ASSIGNEE) are 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;

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.

March 8, 2002  
\_\_\_\_\_  
Date

Kyoichi Inaki  
Kyoichi Inaki

March 8, 2002  
\_\_\_\_\_  
Date

Itsuo Araki  
Itsuo Araki