Rev (-93) HQ 212 (1993)	D1455067
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To the Honorable Commissioner of Patents and Trademark	s: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Atsuhi Shimada Toshiyuki Kato Masanori Suzuki Yutaka Watabe Additional name(s) of conveying party(ies) attached? ⊃ Yes xQ No	2. Name and address of receiving party(ies) <u>Heraeus Quarzglas GmbH &amp; Co. KG</u> Quarzstrasse <u>D-63450 Hanau</u> Germany
3. Nature of conveyance:	
C Assignment	Shin-Etsu Quartz Products Co.,
- 5	22-2, Nishi-Shinjuku 1-chome
Security Agreement Change of Name	
Other	Tokyo, Japan
Execution Date:7/14/00	Additional name(s) & address(es) attached? 🗆 Yes 🕱 No
<ol> <li>Application number(s) or patent number(s):</li> </ol>	
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If this document is being filed together with a new applica-	tion, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
	B. Patent No.(s)
09/581,734	
09/581,734	B. Patent No.(s) attached? O Yes <sup>2</sup> O No
09/581,734	
09/581,734 Additional numbers . Name and address of party to whom correspondence	attached? D Yes D No 6. Total number of applications and patents involved:
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HQ 212

## ASSIGNMENT

For valuable consideration, the receipt and adequacy of which is hereby acknowledged, the undersigned inventors hereby sell, assign, and transfer unto

Heraeus Quarzglas GmbH & Co. KG and<br/>QuarzstrasseShin-Etsu Quartz Products Co., Ltd.<br/>22-2, Nishi-Shinjuku 1-chome<br/>Shinjuku-KuD-63450 HanauShinjuku-KuGermanyTokyo, Japan

German and Japanese companies, respectively, the entire right, title, and interest in and to my/our application for Letters Patent of the United States, executed concurrently herewith, entitled

METHOD FOR WELDING A QUARTZ GLASS TUBE FOR USE AS AN OPTICAL FIBER PREFORM

and my/our entire right, title, and interest in and to all my/our inventions, whether joint or sole, disclosed in said application for Letters Patent, and in and to all divisional or continuation applications or continuation-in-part applications that may be filed for United States Letters Patent for any of said inventions, or any patent application outside the United States claiming benefit of priority of this application and in and to all patents that may be granted on the foregoing applications, and I/we hereby agree, whenever requested, to communicate to said assignee, its successors and assigns, any facts known to my/us respecting said inventions and to execute all applications or papers necessary to obtain and maintain proper patent protection on said inventions in the United States.

Date

14,2000

2000

July 14 2000

Inventor(s)

Atsuhi Shimada

shiyuki Kata

unori

a Watake

**RECORDED: 08/11/2000**