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Attorney Docket No. 038788.52535US

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- a. Akihiro ISHII
- b. Masatomi KANAI
- c. Yokusu KURIYAMA
- d. Manabu YASUMOTO
- e. Kenjin INOMIYA

10-20-03

2. Name and address of receiving party(ies)

CENTRAL GLASS COMPANY, LIMITED  
5253, Oaza Okiube, Ube-shi,  
Yamaguchi 755-0001  
JAPAN

Additional name(s) of conveying party(ies) attached?  Yes  No

Additional name(s) & address(es) attached?  yes  no

3. Nature of Conveyance:

Assignment

Execution Dates: a. September 16, 2003;  
b. September 8, 2003; c. September 10, 2003;  
d. September 10, 2003; e. September 10, 2003

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: N/A

A. Patent Application No.(s)

10/464,838

B. Patent No(s).

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Crowell & Moring LLP  
Intellectual Property Group  
P.O. Box 14300  
Washington, D.C. 20044-4300

6.Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00  
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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.

*Laurence M. Call*  
D. Evans Reg. No. 26,269 Reg. No. 51,532

October 20, 2003  
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: 3

Mail documents to be recorded with required cover sheet information to:  
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ASSIGNMENT

P03CG-00965

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee CENTRAL GLASS COMPANY, LIMITED 5253, Oaza Okiube, Ube-shi, Yamaguchi 755-0001 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of invention PROCESS FOR PRODUCING 3, 3, 3-TRIFLUORO-2-HYDROXYPROPIONIC ACID OR ITS DERIVATIVE

as set forth in his/her United States Patent Application

check one ( ) executed concurrently herewith ( ) executed on ( x ) Serial No. 10/464,838 Filed June 19, 2003

in and to said United States Patent Application including any and all divisions or continuations and Convention applications based in whole or in part on said invention or upon said application, including the right to make applications for Letters Patents throughout the world in respect to the invention and to claim priority under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent of any country which may issue on any such application or for said invention, including any and all reissues, reexaminations, or extensions, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not be made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues, reexaminations, or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of CROWELL & MORING LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

names and signatures of inventors Akihiro Ishii date 09/16/2003 Name: Akihiro Ishii Masatomi Kanai date 09/08/2003 Name: Masatomi Kanai

Yokusu Kuriyama date 09/10/2003 Name: Yokusu Kuriyama Manabu Yasumoto date 09/10/2003 Name: Manabu Yasumoto

Kenjin Inomija date 09/10/2003  
Name: Keijin Inomija

\_\_\_\_\_ date \_\_\_\_\_  
Name:

\_\_\_\_\_ date \_\_\_\_\_  
Name:

\_\_\_\_\_ date \_\_\_\_\_  
Name: