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Attorney Docket No. 038788.52472US

102560177

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

1. Name of conveying party(ies):

- 1) Takashi YAMATE
2) Hiroyuki TAMON
3) Shinji NISHIKAWA
4) Hiroshi UEMURA
5) Kohei KADONO
6) Tomoko AKAI
7) Masaru YAMASHITA
8) Tetsuo YAZAWA



2. Name and address of receiving party(ies)

- Name: 1) Central Glass Company, Limited
2) National Institute of Advanced Industrial Science and Technology
Street Address: 1) 5253, Oaza Okiube Ube-shi, Yamaguchi 755-0001, Japan
2) 3-1, Kasumigaseki 1-chome Chiyoda-ku, Tokyo 100-8921, Japan

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

3. Nature of Conveyance:

- [X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other:

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

- Execution Date: 1) August 27, 2003
2) August 27, 2003
3) August 27, 2003
4) August 25, 2003
5) August 22, 2003
6) August 25, 2003
7) August 25, 2003
8) August 26, 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: ==

A. Patent Application No.(s)

B. Patent No(s).

10/447,288

Additional numbers attached? _ Yes [X] 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
[X] Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 05-1323
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8. Deposit Account No. (Attach dupl. copy of this page if paying by Deposit Account)

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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.

Name: J. D. Evans Reg. No. 26,269

September 23, 2003 Date

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P. O. Box 1450 Alexandria, VA 22313-1450

ASSIGNMENT

P0309-01305

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
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 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

METHOD FOR PUTTING COLOR TO GLASS

as set forth in his/her United States Patent Application

check one

- () executed concurrently herewith
 () executed on _____
 (X) Serial No. 10/447,288 Filed May 29, 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

J. Yamate date 08/27/2003
Name: Takashi Yamate

H. Tamon date 08/27/2003
Name: Hiroyuki Tamon

S. Nishikawa date 08/27/2003
Name: Shinji Nishikawa

H. Uemura date 08/25/2003
Name: Hiroshi Uemura

角野 久彦 date Aug. 22, 2003
Name: Kohei Kadono

Tomoko Akai date Aug. 25, 2003
Name: Tomoko Akai

山下 勝 date Aug. 25, 2003
Name: Masaru Yamashita

Tetsuo Yazawa date Aug. 26, 2003
Name: Tetsuo Yazawa