

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Akihiro ISHII</td><td>02/27/2008</td></tr><tr><td>Koji UEDA</td><td>02/27/2008</td></tr><tr><td>Manabu YASUMOTO</td><td>02/27/2008</td></tr></tbody></table>	Name	Execution Date	Akihiro ISHII	02/27/2008	Koji UEDA	02/27/2008	Manabu YASUMOTO	02/27/2008	
Name	Execution Date								
Akihiro ISHII	02/27/2008								
Koji UEDA	02/27/2008								
Manabu YASUMOTO	02/27/2008								
RECEIVING PARTY DATA									
Name:	Central Glass Company, Limited								
Street Address:	5253, Oaza Okiube								
City:	Ube-shi, Yamaguchi								
State/Country:	JAPAN								
Postal Code:	755-0001								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12089882</td></tr></tbody></table>	Property Type	Number	Application Number:	12089882					
Property Type	Number								
Application Number:	12089882								
CORRESPONDENCE DATA									
Fax Number:	(202)628-8844								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	202-624-2500								
Email:	swright@crowell.com								
Correspondent Name:	Crowell & Moring LLP								
Address Line 1:	P. O. Box 14300								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20044-4300								
ATTORNEY DOCKET NUMBER:	038788.60077US								
NAME OF SUBMITTER:	Joseph D. Evans								
Total Attachments: 1 source=60077USASSIGN#page1.tif									

OP \$40.00 12089882

500643391

PATENT
REEL: 021507 FRAME: 0642

ASSIGNMENT

U.S. Rights - Sole or Joint

P0609-02005

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 OPTICALLY ACTIVE FLUOROBENZYL ALCOHOL

as set forth in his/her United States Patent Application

check one

- () executed concurrently herewith
() executed on _____
(x) Serial No. FCI/JP2006/319862 Filed October 4, 2006

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

Name: Akihiro Ishii

date 02/27/2008

Koji Ueda

Name: Koji Ueda

date 02/27/2008

Manabu Yasumoto

Name: Manabu Yasumoto

date 02/27/2008

date _____

Name: _____

PATENT

RECORDED: 09/10/2008

REEL: 021507 FRAME: 0643