

PATENT ASSIGNMENT

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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>Satoshi KAWAGUCHI</td><td>05/24/2011</td></tr><tr><td>Hidekazu OKAMOTO</td><td>05/25/2011</td></tr><tr><td>Yu TAKEUCHI</td><td>06/03/2011</td></tr><tr><td>Hirokazu TAKAGI</td><td>05/24/2011</td></tr><tr><td>Kunio WATANABE</td><td>05/25/2011</td></tr><tr><td>Koichi YANASE</td><td>05/24/2011</td></tr></tbody></table>	Name	Execution Date	Satoshi KAWAGUCHI	05/24/2011	Hidekazu OKAMOTO	05/25/2011	Yu TAKEUCHI	06/03/2011	Hirokazu TAKAGI	05/24/2011	Kunio WATANABE	05/25/2011	Koichi YANASE	05/24/2011	
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RECEIVING PARTY DATA															
Name:	ASAHI GLASS COMPANY, LIMITED														
Street Address:	12-1, Yurakucho 1-chome, Chiyoda-ku														
City:	Tokyo														
State/Country:	Japan														
Postal Code:	100-8405														
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>13167509</td></tr></tbody></table>	Property Type	Number	Application Number:	13167509											
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Application Number:	13167509														
CORRESPONDENCE DATA															
Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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ATTORNEY DOCKET NUMBER:	380215US99														
NAME OF SUBMITTER:	Genet Tsige														
Total Attachments: 2 source=380215USASSIGNMENT#page1.tif source=380215USASSIGNMENT#page2.tif															

OP \$40.00 13167509

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PATENT
REEL: 026491 FRAME: 0780

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) Satoshi Kawaguchi of Chiyoda-ku, Tokyo, Japan,

Hidekazu Okamoto of Chiyoda-ku, Tokyo, Japan,

Yu Takeuchi of Chiyoda-ku, Tokyo, Japan,

Hirokazu Takagi of Chiyoda-ku, Tokyo, Japan,

Kunio Watanabe of Chiyoda-ku, Tokyo, Japan and

Koichi Yanase of Chiyoda-ku, Tokyo, Japan

, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: PROCESS FOR PRODUCING 2,3,3,3-

TETRAFLUOROPROPENE

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, Asahi Glass Company, Limited

(hereinafter referred to as "ASSIGNEE") having a place of business at: 12-1, Yurakucho 1-chome, Chiyoda-ku, TOKYO 100-8405, JAPAN is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

12/04

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: May 24, 2011

Satoshi Kawaguchi
(Signature of Inventor) Satoshi Kawaguchi

Date: May 25, 2011

Hidekazu Okamoto
(Signature of Inventor) Hidekazu Okamoto

Date: June 3, 2011

Yu Takeuchi
(Signature of Inventor) Yu Takeuchi

Date: May 24, 2011

Hirokazu Takagi
(Signature of Inventor) Hirokazu Takagi

Date: May 25, 2011

Kunio Watanabe
(Signature of Inventor) Kunio Watanabe

Date: May 24, 2011

Koichi Yanase
(Signature of Inventor) Koichi Yanase

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1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314