

**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KARIKATH SUKUMAR VARMA	05/24/2012
BENJAMIN MICHAEL STIEFVATER-THOMAS	05/25/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PILKINGTON GROUP LIMITED
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<b>City:</b>	ST. HELENS
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	WA10 3TT
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13261308
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<b>Total Attachments: 3</b> source=1-22335 ASSIGNMENT#page1.tif source=1-22335 ASSIGNMENT#page2.tif source=1-22335 ASSIGNMENT#page3.tif	

CH \$40.00 13261308

**ASSIGNMENT OF INVENTION**

For:  U.S. and/or  Foreign Rights

For:  U.S. Application or

U.S. Provisional Application

For:  U.S. Patent

For:  PCT Application

By:  Inventor(s) or  Present Owner

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00) each, the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS:**

Inventors or persons or entities who own the invention

Karikath Sukumar VARMA

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Nationality  
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Nationality  
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hereby sell, assign and transfer to

**ASSIGNEE:**  
Pilkington Group Limited  
Prescot Road  
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United Kingdom

Nationality

INCORPORATED IN ENGLAND

and the successors, assigns and legal representatives of the ASSIGNEE, their entire right, title and interest, in and to any and all improvements which are disclosed in the invention entitled

FIRE RESISTANT GLAZINGS

and in all foreign countries, including all rights to claim priority,

Names of inventors

and which is found in

- U.S. patent application executed on even date herewith
- U.S. patent application no. 13/261,308 filed on June 5, 2012  
under 35 USC 371 of PCT/GB2010/052187.
- U.S. provisional application no. \_\_\_\_\_ filed on \_\_\_\_\_
- International application no **PCT/GB2010/052187** filed on **22 December 2010**
- U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_
- To comply with 37 CFR 3.21 for recordal of this assignment, We/I, the Assignor(s) signing below, hereby authorize and request my/our attorney to insert the filing date and application number when they become known.


and any legal equivalent thereof in a foreign country, including the right to claim priority, and in and to, all Letters Patent to be obtained for said invention by the above application, for the United States of America and any other foreign country or countries that may be granted to them therefor, and any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof;

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

**ASSIGNORS**

Date: 24-05-2012

  
\_\_\_\_\_  
Karikath Sukumar VARMA

Date: 25-05-2012

  
\_\_\_\_\_  
Benjamin Michael STIEFVATER-THOMAS

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 U.S.C. 261.