

Form PTO-1595  
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Our Ref.: 3691-770

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Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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

1. Name of conveying party(ies):  
Jose FERREIRA  
Jean-Marc LEMMER

Additional name/s of conveying party/ies attached?

3. Nature of conveyance:  
 Assignment       Merger  
 Security Assignment       Change of Name  
 Other

Execution Date: October 26, 2004, respectively

2. Name and address of receiving party(ies):

Name: Centre Luxembourgeois de Recherches pour le Verre et la Ceramique S.A. (C.R.V.C.)

Internal Address:  
Street Address: Zone Industrielle Wolser

City: Dudelange  
State/Country: Grand Duché de Luxembourg  
Zip: L-3452

Additional name/s & address/es attached?  Yes  No

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: October 26, 2004, respectively

A. Patent Application No(s).  
(1) 10/980,805  
(2)  
(3)

B. Patent No(s).  
(1)  
(2)  
(3)

Additional numbers attached  Yes  No

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

Name: Joseph A. Rhoa

Internal Address:

Street Address: Nixon & Vanderhye P.C.  
901 North Glebe Road  
11<sup>th</sup> Floor

City: Arlington State: VA Zip: 22203

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our **Account No. 14-1140.**

DO NOT USE THIS SPACE

9. Statements 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.

Joseph A. Rhoa      [Signature]      November 4, 2004  
Name of Person Signing      Signature      Date

Reg. No. 37,515

Total number of pages including original cover sheet, attachments, and document: [5]

3691-770

**ASSIGNMENT FOR PATENT APPLICATION**  
**(All Rights)**

WHEREAS, Jose FERREIRA of 52 Cité Kirchberg, Rumelange, L-3733 Grand-Duchy of Luxembourg, and Jean-Marc LEMMER of 71, rte de Luxembourg, Lorentzweiler, L-7373 Grand-Duchy of Luxembourg, (hereinafter ASSIGNORS) have made an invention entitled **COATED ARTICLE WITH LOW-E COATING INCLUDING IR REFLECTING LAYER(S) AND CORRESPONDING METHOD** for which a so-entitled application is being filed herewith for a Letters Patent of the United States;

WHEREAS, Centre Luxembourgeois de Recherches pour le Verre et la Ceramique S.A. (C.R.V.C.), (hereinafter ASSIGNEE), having an office and place of business at Zone Industrielle Wolser, L-3452 Dudelange, Grand Duché de Luxembourg, is desirous of acquiring an interest therein;

NOW, THEREFORE, for valuable consideration the receipt and sufficiency of which are hereby acknowledged, the below listed of said ASSIGNORS by these presents, having sold, assigned and transferred, hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the


right of priority under the International convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the below listed ASSIGNORS hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;


ASSIGNORS hereby agree to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred; and

ASSIGNORS hereby agree, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

✓ 20/10/2004  
Date

✓   
Jose FERREIRA

✓  Witness by: LEMPER Jean-Marc