



11-29-2004

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Patent and Trademark Office

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Commissioner of Patents
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Alexandria, VA 22313-1450

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

<p>1. Name of conveying party(ies): Jean-Marc LEMMER Jose FERREIRA Scott V. THOMSEN Jens-Peter MULLER Philip J. LINGLE</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: Nov. 5, 2004; Nov. 15, 2004; Nov. 5, 2004; Nov. 15, 2004; Nov. 10, 2004</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Centre Luxembourgeois de Recherches pour le Verre et la Ceramique S.A. (C.R.V.C.) Internal Address: Street Address: Zone Industrielle Wolser</p> <p>City: <u>Dudelange</u> State/Country: <u>Grand Duché de Luxembourg</u> Zip: <u>L-3452</u></p> <p>Additional name/s & address/es attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
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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: _____

<p>A. Patent Application No(s). (1) 10/914,635 (2) (3)</p>	<p>B. Patent No(s). (1) (2) (3)</p>
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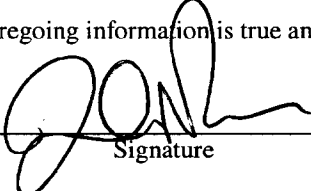
Additional numbers attached Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Joseph A. Rhoa Internal Address: Street Address: <u>Nixon & Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8th Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>	<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>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.</p>
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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
 Name of Person Signing
 Reg. No. 37,515


 Signature

 November 22, 2004
 Date

Total number of pages including original cover sheet, attachments, and document: [12]

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05 FC:8021 E 40.00

RECORDATION FORM COVER SHEET

PATENTS ONLY

Our Ref: 3691-750

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

1. Name of conveying party(ies):	
2. Name: Guardian Industries Corp. Street Address: 2300 Harmon Road City: Auburn Hills State: Michigan Zip: 48326-1714	
4. Application number(s) or patent number(s):	
A. Patent Application No(s).	B. Patent No(s).
(4)	(4)
(5)	(5)
(6)	(6)
(7)	(7)
(8)	(8)
(9)	(9)

ASSIGNMENT FOR PATENT APPLICATION
(All Rights)

WHEREAS, Jean-Marc LEMMER of 71, rte de Luxembourg, Lorentzweiler, L-7373, Grand-Duchy of Luxembourg, Jens-Peter MÜLLER of 38, Rue Belair, Differdange, L-4514, Luxembourg, and Jose FERREIRA of 52 Cité Kirchberg, Luxembourg, L-3733, Luxembourg (hereinafter ASSIGNORS) have made an invention entitled **COATED ARTICLE WITH LOW-E COATING INCLUDING TIN OXIDE INTERLAYER FOR HIGH BEND APPLICATIONS** for which a so-entitled application for Letters Patent of the United States was filed on **August 10, 2004**, under Serial No. **10/914,635**;

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

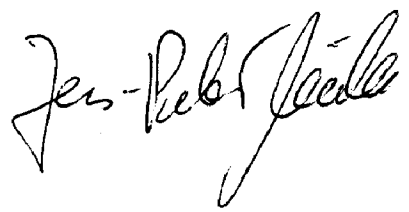
ASSIGNORS hereby agree, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

✓ 11/05/2004
Date

✓ 
Jean-Marc LEMMER

✓ Jens-Peter Müller Witness by:



ASSIGNMENT FOR PATENT APPLICATION
(All Rights)

WHEREAS Scott V. THOMSEN of 9017 Stoney Creek Drive, South Lyon, Michigan 48178, and Philip J. LINGLE of 43 E. Temperance Road, Temperance, Michigan 48182, (hereinafter ASSIGNORS) have made an invention entitled **COATED ARTICLE WITH LOW-E COATING INCLUDING TIN OXIDE INTERLAYER FOR HIGH BEND APPLICATIONS** for which a so-entitled application for Letters Patent of the United States was filed on **August 10, 2004** under **Serial No. 10/914,635**;

WHEREAS, Guardian Industries Corp. (hereinafter ASSIGNEE), a corporation of the State of Michigan, having an office and place of business at 2300 Harmon Road, Auburn Hills, Michigan, 48326-1714, 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,

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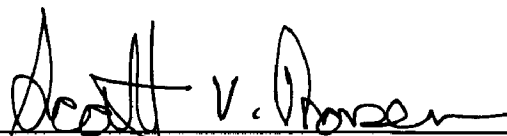
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11/15/2005

Date



Scott V. THOMSEN



Witnessed by:

ASSIGNMENT FOR PATENT APPLICATION
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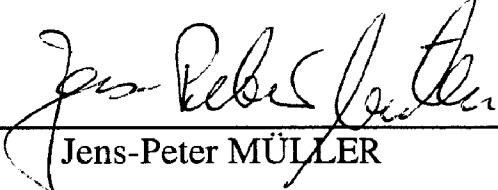
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AGREED and executed as noted below:

✓ 11/05/04

Date

✓ 

Jens-Peter MÜLLER

✓ 

Witness by: LENNER Jean-Marc

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(All Rights)

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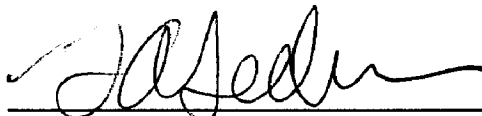
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11/15/04
Date


Philip J. LINGLE

 Witnessed by:

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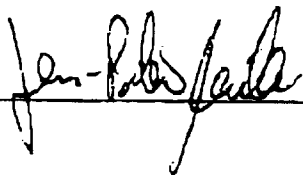
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✓ 10/11/04
Date

✓ 
Jose FERREIRA

✓ 

Witness by: Jean-Peter Müller