

09-26-2000



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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

(1-14871)

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

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Document ID#

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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

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Departmental File Secret File

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Mark if additional names of conveying parties attached

Name (line 1) Execution Date
Month Day Year

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Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:
Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

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Statement 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. Charges to deposit account are authorized, as indicated herein.

MARK A. HIXON

9/8/00

Name of Person Signing

Signature

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: George Allan BOOT et al

Serial No.: 09 / 528,292 _____ Group No.:

Filed: _____ Examiner:

For: "Production of Sheet Glass

Patent: _____ Issue Date: _____

**DESIGNATION OF DOMESTIC REPRESENTATIVE BY ASSIGNEE
(37 CFR 3.61)**

1. I(We) am(are) the assignee(s) of the above-identified application/patent by virtue of an assignment

separately submitted for recordal on even date herewith.

A separate "ASSIGNMENT (DOCUMENT) RECORDAL COVER SHEET" or FORM PTO 1595 is also attached.

recorded in the PTO on _____ Date

Reel _____ Frame _____

2. In accordance with 37 CFR 3.37, the assignee hereby certifies that the evidentiary documents, with respect to its ownership, have been reviewed and that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take this action. A "CERTIFICATE UNDER 37 CFR 3.73(b)" is attached.

3. I(We) do not reside in the United States

I(We) designate, as domestic representative, on whom process or notice of proceedings affecting the application/patent may be served.

Name: MARSHALL & MELHORN

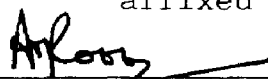
Address: Four SeaGate - Eighth Floor
Toledo, Ohio 43604

Attn: Phillip S Oberlin

Telephone No.: (419) 247-7149

Fax: (419) 247-7151

The Common Seal of
PILKINGTON PLC was hereto
affixed in the presence of:



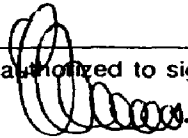
Signature of authorized person

Andrew Mackenzie Robb

(type or print name of person authorized to sign on behalf of assignee)

Director

Title of person authorized to sign on behalf of assignee



Signature of authorized person

John McKenna

(Designation of Domestic Representative By Assignee [16-18]—page 1 of 1)
Name

Company Secretary
Title

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

ASSIGNMENT OF INVENTION

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

ASSIGNOR:

Inventor(s) or person(s) or entity(ies) who own the invention

GEORGE ALLAN BOOT and JULIAN GOULD BARNES,
(type or print name(s) of ASSIGNOR(S))
of 8 Parkwood Rise, Barnby Dun, Doncaster,
South Yorkshire, DN3 1LY, United Kingdom, and
Address
Haford Tan Eglwys, Bodfari, Denbigh, LL16 4DA,
Wales respectively.
both British Subjects.
Nationality

(if assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)

Recorded on _____ **Reel** _____
Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:

PILKINGTON PLC
(type or print name(s) of ASSIGNEE(S))
Prescot Road, St Helens,
Address
Merseyside WA10 3TT, United Kingdom
a company incorporated in England
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest
 an undivided _____ percent (_____%) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

- and in all foreign countries, including all rights to claim priority,
in and to any and all improvements which are disclosed in the invention entitled:
PRODUCTION OF SHEET GLASS

Name of inventor(s) GEORGE ALLAN BOOT, and JULIAN GOULD BARNES

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

- (a) U.S. patent application executed on even date herewith
(b) U.S. patent application executed on _____
(c) U.S. provisional application naming the above inventor(s) for the above-entitled invention.
 Express mail label no.: _____
Mailed: _____
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
(d) U.S. application no. 09 / 528,292 _____
filed on 03/17/2000
(e) International application no. PCT/ _____ / _____
(f) U.S. patent no. _____ issued _____
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

- (g) 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 or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

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

(Assignment of Invention [16-3]—page 2 of 3)

ASSIGNOR further covenants 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 ASSIGNOR 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.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 20th and 22nd day of March 2000
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: 20th March 2000.

George Allan Boot
Signature of ASSIGNOR(S) GEORGE ALLAN BOOT

Date: 22nd March 2000.

Julian
JULIAN GOULD BARNES

Date:

Date:

(if ASSIGNOR is a legal entity, complete the following information)

(type or print the name of the above person authorized to sign on behalf of ASSIGNOR)

Title

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 USC 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.

(Assignment of Invention [16-3]—page 3 of 3)