

05-24-2002

Form PTO-1595

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

## 1. Name of conveying party(ies):

Thomas Barrow  
David Alan Bird

5.22.02

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

Name: Pilkington plc

Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Street Address: Prescot RoadCity: St. Helens State: England Zip: \_\_\_\_\_

WA10 3TT

Execution Date: March 10, 2002Additional 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: \_\_\_\_\_

A. Patent Application No.(s)

09/815,665

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Marshall & Melhorn, LLC  
Donald A. Schurr

Internal Address: \_\_\_\_\_

Street Address: Four SeaGate8th FloorCity: Toledo State: OH Zip: 436046. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number:  
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Signature

Date

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 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

Thomas Barrow  
 (type or print name(s) of ASSIGNOR(S))

Bryn Cas Tan, Llanrust Road,  
 Address Glan Colwyn  
LL28 5SR Wales

British  
 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  
 Address St. Helens  
WA10 3TT England

British  
 Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or  
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For: ☐ U.S. Patent  
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**ASSIGNOR:**

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

David Alan Bird  
*(type or print name(s) of ASSIGNOR(S))*  
2 Croft Hey  
Address Cousins Lane, Rufford  
Ormskirk, Lancashire  
L40 1UX England  
British  
Nationality

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

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**ASSIGNEE:**

Pilkington plc  
*(type or print name(s) of ASSIGNEE(S))*  
Prescot Road  
Address St. Helens  
WA10 3TT England  
British  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(Assignment of Invention [16-3]—page 2 of 4)

(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:

Melting of Glass

Name of inventor(s) Thomas Barrow, David Alan Bird

(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 / 815,665

filed on March 23, 2001

(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 3 of 4)

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 sixth March day  
of March 2002  
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: 6/03/02

  
Signature of ASSIGNOR(S)

Date: x 10/03/02 x

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 4 of 4)

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May 9, 2002  
on \_\_\_\_\_  
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*Michelle Fais*

Signature

Michelle Fais

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