

03-24-2005  
102965228

03-09-05

RE

18655 USA

To the Director of the U.S. Patent and 1

Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

Kenneth S. Bloom  
Brian J. Brozell  
Darin M. Pugne

Execution Date(s) 03/08/2005

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

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

Name: Owens-Illinois Closures Inc.

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

Street Address: One SeaGate

City: Toledo

State: Ohio

Country: USA Zip: 43666

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance:**

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Susan L. Smith

Internal Address: Owens-Illinois, Inc.

Street Address: One SeaGate, 25-LDP

City: Toledo

State: OH Zip: 43666

Phone Number: 419-247-8699

Fax Number: 419-247-8555

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

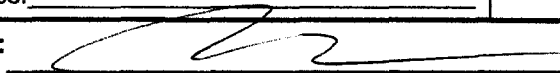
**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 15-0875

Authorized User Name Susan L. Smith

**9. Signature:**

  
Signature

3-8-2005  
Date

Susan L. Smith

Total number of pages including cover sheet, attachments, and documents: 4

**BY/RE 00000143 150875 N/A 102965228 Person Signing**

03/22/2005

01 FC:8021

40.00

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**ASSIGNMENT**

WHEREAS, I, **Kenneth S. Bloom**, of 7575 Yates Road, Bloomdale, Ohio, 44817, U.S.A., together with Brian J. Brozell and Darin M. Pugne, have jointly invented an improvement in **Integrally Molded Dispensing Valve and Method of Manufacture**; and

WHEREAS, I, as a joint applicant with said Brian J. Brozell and Darin M. Pugne, have executed an Application for United States Patent based thereon, on the  8  day of  March , 2005; and

WHEREAS, **Owens-Illinois Closure Inc.**, a corporation of Delaware, of One SeaGate, Toledo, Ohio 43666, U.S.A., is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for One Dollar (\$1.00) and other valuable considerations, receipt of all of which is hereby acknowledged, I have agreed to and do hereby sell, assign, and transfer unto said corporation my entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said invention, said application and any and all patents (including extensions thereof) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, renewal, reissue, or other patent application, based in whole or in part thereon, or based upon said invention.

TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to the full ends of the respective terms for which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by me had no sale and assignment of said interest been made;

AND I hereby covenant and agree for myself, my heirs, and my legal representatives, to assist my said assignee in the prosecution of said application and in any interference which may arise involving said invention, and, upon request, to execute without further consideration all necessary and desirable divisional, continuing, renewal, reissue, or other applications for patents in any country, that might be deemed necessary by said assignee fully to secure to said assignee its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them. Further, I hereby authorize the above-mentioned assignee to insert in this instrument the identifying serial number and filing date of my said application when received.

AND I do hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this  8  day of  March , 2005.

Kenneth S. Bloom  
Kenneth S. Bloom

STATE OF  Ohio  )  
  ) ss:  
COUNTY OF  Wood  )

On this  8  day of  march , 2005, before me, a Notary Public, personally appeared the above-named Kenneth S. Bloom, personally known to me and known by me to be the one who executed the foregoing instrument and subscribed the same in my presence, and acknowledged the same to be his free act and deed.

SEAL

U.S. Serial No. \_\_\_\_\_ Filing Date \_\_\_\_\_

Joyce M. Murphy  
Notary Public



Joyce M. Murphy  
Notary Public, State of Ohio  
My commission expires December 12, 2009  
Recorded in Lucas County

ASSIGNMENT

WHEREAS, I, **Brian J. Brozell**, of 7201 Elli Harbour Lane, Maumee, Ohio 43537, U.S.A., together with **Kenneth S. Bloom and Darin M. Pugne**, have jointly invented an improvement in **Integrally Molded Dispensing Valve and Method of Manufacture**; and

WHEREAS, I, as a joint applicant with said **Kenneth S. Bloom and Darin M. Pugne**, have executed an Application for United States Patent based thereon, on the 8 day of March, 2005; and

WHEREAS, **Owens-Illinois Closure Inc.**, a corporation of Delaware, of One SeaGate, Toledo, Ohio 43666, U.S.A., is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for One Dollar (\$1.00) and other valuable considerations, receipt of all of which is hereby acknowledged, I have agreed to and do hereby sell, assign, and transfer unto said corporation my entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said invention, said application and any and all patents (including extensions thereof) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, renewal, reissue, or other patent application, based in whole or in part thereon, or based upon said invention.

TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to the full ends of the respective terms for which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by me had no sale and assignment of said interest been made;

AND I hereby covenant and agree for myself, my heirs, and my legal representatives, to assist my said assignee in the prosecution of said application and in any interference which may arise involving said invention, and, upon request, to execute without further consideration all necessary and desirable divisional, continuing, renewal, reissue, or other applications for patents in any country, that might be deemed necessary by said assignee fully to secure to said assignee its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them. Further, I hereby authorize the above-mentioned assignee to insert in this instrument the identifying serial number and filing date of my said application when received.

AND I do hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 8 day of March, 2005.

*Brian J. Brozell*  
\_\_\_\_\_  
**Brian J. Brozell**

STATE OF Ohio )  
                          ) ss:  
COUNTY OF Wood )

On this 8 day of March, 2005, before me, a Notary Public, personally appeared the above-named **Brian J. Brozell**, personally known to me and known by me to be the one who executed the foregoing instrument and subscribed the same in my presence, and acknowledged the same to be his free act and deed.

SEAL

U.S. Serial No. \_\_\_\_\_ Filing Date \_\_\_\_\_

*Joyce M. Murphy*  
\_\_\_\_\_  
Notary Public  
**Joyce M. Murphy**  
Notary Public, State of Ohio  
My commission expires December 12, 2009  
Recorded in Lucas County



**PATENT**  
REEL: 016381 FRAME: 0823

**ASSIGNMENT**

WHEREAS, I, **Darin M. Pugne**, of 519 Three Meadows Court, Perrysburg, Ohio 43551, U.S.A., together with **Kenneth S. Bloom** and **Brian J. Brozell**, have jointly invented an improvement in **Integrally Molded Dispensing Valve and Method of Manufacture**; and

WHEREAS, I, as a joint applicant with said **Kenneth S. Bloom** and **Brian J. Brozell**, have executed an Application for United States Patent based thereon, on the 8 day of MARCH, 2005; and

WHEREAS, **Owens-Illinois Closure Inc.**, a corporation of Delaware, of One SeaGate, Toledo, Ohio 43666, U.S.A., is desirous of acquiring certain rights thereunder;

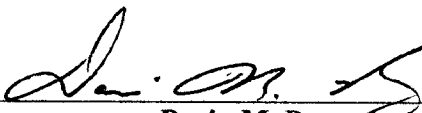
NOW, THEREFORE, for One Dollar (\$1.00) and other valuable considerations, receipt of all of which is hereby acknowledged, I have agreed to and do hereby sell, assign, and transfer unto said corporation my entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said invention, said application and any and all patents (including extensions thereof) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, renewal, reissue, or other patent application, based in whole or in part thereon, or based upon said invention.

TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to the full ends of the respective terms for which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by me had no sale and assignment of said interest been made;

AND I hereby covenant and agree for myself, my heirs, and my legal representatives, to assist my said assignee in the prosecution of said application and in any interference which may arise involving said invention, and, upon request, to execute without further consideration all necessary and desirable divisional, continuing, renewal, reissue, or other applications for patents in any country, that might be deemed necessary by said assignee fully to secure to said assignee its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them. Further, I hereby authorize the above-mentioned assignee to insert in this instrument the identifying serial number and filing date of my said application when received.

AND I do hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 8 day of MARCH, 2005.

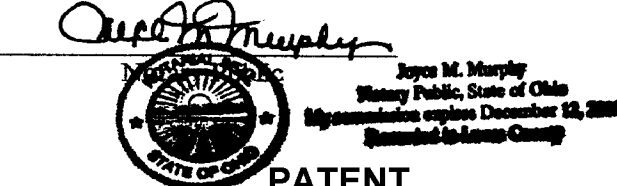
  
Darin M. Pugne

STATE OF Ohio )  
                               ) )  
                               ) ss:  
COUNTY OF Wood )

On this 8 day of March, 2005, before me, a Notary Public, personally appeared the above-named **Darin M. Pugne**, personally known to me and known by me to be the one who executed the foregoing instrument and subscribed the same in my presence, and acknowledged the same to be his free act and deed.

SEAL

U.S. Serial No. \_\_\_\_\_ Filing Date \_\_\_\_\_

  
Joyce M. Murphy  
Notary Public, State of Ohio  
My commission expires December 13, 2009  
Resident in Lucas County

**PATENT**