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17362 USA

FORM PTO-1595

(Rev. 6-93)

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

101644400

Tab settings ▾ ▾ ▾ ▾ ▾ ▾ ▾ ▾ ▾ ▾

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

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

See attached page 2

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

## 3. Nature of conveyance:

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

Execution Date: See attached page 2

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

Name: Owens-Illinois Closure Inc.

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

Street Address: One SeaGate

City: Toledo State: Ohio ZIP: 43666

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: See attached page 2

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Nirav D. Parikh

Internal Address: Owens-Illinois

Street Address: One SeaGate, 25-LDP

City: Toledo State: Ohio ZIP: 43666

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

15-0875

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. 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.

Nirav D. Parikh

Name of Person Signing

Signature

2/20/01

Date

Total number of pages including cover sheet, attachments, and document: 11

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 011595 FRAME: 0855

RECORDATION FORM COVER SHEET  
PATENTS ONLYJC996 U.S. PTO  
09/792016  
02/21/01

1. Name of conveying party(ies):	Execution Date 3. Of Assignment	Execution Date 4. Of Application
William E. Chalupsky	January 14, 2001	January 14, 2001
Wing-Kwong Keung	December 12, 2000	December 12, 2000
Kenneth S. Bloom	December 12, 2000	December 12, 2000
Ruixin Fan	December 14, 2000	December 14, 2000
George R. Trepina	December 18, 2000	December 18, 2000
Timothy B. Kowal	January 8, 2001	January 8, 2001
Richard C. Sayers	January 29, 2001	January 27, 2001
Gennaro R. Martire	December 12, 2000	December 12, 2000
Richard D. Lohrman	December 14, 2000	December 14, 2000

# ASSIGNMENT

WHEREAS, I, WILLIAM E. CHALUPSKY

of

7196 Stratford Road, Woodbury, Minnesota 55125

U. S. A.,

together with Wing-Kwong Keung, Kenneth S. Bloom, Ruixin Fan,  
George R. Trepina, and Timothy B. Kowal, Richard C. Sayers,  
have jointly invented an improvement in Gennaro R. Martire, Richard D. Lohrman

"ARTICULATED TRIGGER/COVER UNIT FOR A PUMP DISPENSER" ; and

WHEREAS, I, as a joint applicant with said Messrs. Keung, Bloom, Fan,  
Trepina, and Kowal, Sayers, Martire, Lohrman  
have executed an Application for United States Patent based thereon, on the

17 day of January, 2001; and

WHEREAS, OWENS-ILLINOIS CLOSURE INC., a Delaware corporation, 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 terri-  
tories 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 repre-  
sentatives 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 identi-  
fying 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.

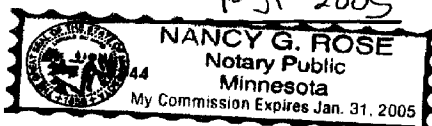
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this

17 day of January, 2001.  
WE Chalupsky  
\_\_\_\_\_  
William E. Chalupsky  
STATE OF Minnesota, COUNTY OF Ramsey SS:

On this 17th day of January, 2001, before me, a Notary Public,  
personally appeared the above named William E. Chalupsky, 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.

My Commission Expires:

1-31-2005



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

Nancy G. Rose

PATENT

REEL: 011595 FRAME: 0857

# ASSIGNMENT

WHEREAS, I, WING-KWONG KEUNG of  
 29249 Bates Road, Perrysburg, Ohio 43551 U. S. A.,  
 together with William E. Chalupsky, Kenneth S. Bloom, Ruixin Fan,  
 George R. Trepina, and Timothy B. Kowal, Richard C. Sayers,  
 have jointly invented an improvement in Gennaro R. Martire, Richard D. Lohrman  
 "ARTICULATED TRIGGER/COVER UNIT FOR A PUMP DISPENSER" ; and

WHEREAS, I, as a joint applicant with said Messrs. Chalupsky, Bloom,  
 Fan, Trepina, and Kowal, Sayers, Martire, Lohrman  
 have executed an Application for United States Patent based thereon, on the  
12<sup>th</sup> day of Dec, 2000 and

WHEREAS, OWENS-ILLINOIS CLOSURE INC., a Delaware corporation,  
 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 terri-  
 tories 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 repre-  
 sentatives 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 identi-  
 fying 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  
12<sup>th</sup> day of Dec, 2000

STATE OF OHIO, COUNTY OF WOOD ss:  
Wing-Kwong Keung

On this 12 day of December, 2000, before me, a Notary Public,  
 personally appeared the above named Wing-Kwong Keung, 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.

My Commission Expires:

November 29, 2004

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

# ASSIGNMENT

WHEREAS, I, KENNETH S. BLOOM <sup>Jerry KB 12/12/00</sup> of  
 210 N. Bronson Street, P. O. Box 3, Jersey City, OH 43437 U. S. A.,  
 together with William E. Chalupsky, Wing-Kwong Keung, Ruixin Fan,  
 George R. Trepina, and Timothy B. Kowal, Richard C. Sayers,  
 have jointly invented an improvement in Gennaro R. Martire, Richard D. Lohrman

"ARTICULATED TRIGGER/COVER UNIT FOR A PUMP DISPENSER" ; and

WHEREAS, I, as a joint applicant with said Messrs. Chalupsky, Keung,  
 Fan, Trepina, and Kowal, Sayers, Martire, Lohrman  
 have executed an Application for United States Patent based thereon, on the

12<sup>th</sup> day of December, 2000; and

WHEREAS, OWENS-ILLINOIS CLOSURE INC., a Delaware corporation,  
 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 terri-  
 tories 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 repre-  
 sentatives 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 identi-  
 fying 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

12<sup>th</sup> day of December, 2000.

Kenneth S. Bloom  
 Kenneth S. Bloom

STATE OF OHIO, COUNTY OF WOOD ss:

On this 12 day of December, 2000, 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.

My Commission Expires:

November 29, 2004

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

# ASSIGNMENT

WHEREAS, I, RUIXIN FAN

of

13499 Roachton Road, Apt. 4, Perrysburg, Ohio 43551

U. S. A.,

together with William E. Chalupsky, Wing-Kwong Keung, Kenneth S. Bloom, George R. Trepina, and Timothy B. Kowal, Richard C. Sayers,, have jointly invented an improvement in Gennaro R. Martire, Richard D. Lohrman

"ARTICULATED TRIGGER/COVER UNIT FOR A PUMP DISPENSER" ; and

WHEREAS, I, as a joint applicant with said Messrs. Chalupsky, Keung, Bloom, Trepina, and Kowal, Sayers, Martire, Lohrman have executed an Application for United States Patent based thereon, on the

14<sup>th</sup> day of DECEMBER, 2000; and

WHEREAS, OWENS-ILLINOIS CLOSURE INC., a Delaware corporation, 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

14<sup>th</sup> day of DECEMBER, 2000.

Ruixin Fan

STATE OF OHIO, COUNTY OF WOOD ss:

On this 14 day of December, 2000, before me, a Notary Public, personally appeared the above named Ruixin Fan, 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.

My Commission Expires:

November 29, 2004

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

# ASSIGNMENT

WHEREAS, I, GEORGE R. TREPINA

of

346 Cove Harbor Drive East, Holland, Ohio 43528

U. S. A.,

together with William E. Chalupsky, Wing-Kwong Keung, Kenneth S. Bloom, Ruixin Fan, and Timothy B. Kowal, Richard C. Sayers, have jointly invented an improvement in Gennaro R. Martire, Richard D. Lohrman

"ARTICULATED TRIGGER/COVER UNIT FOR A PUMP DISPENSER" ; and

WHEREAS, I, as a joint applicant with said Messrs. Chalupsky, Keung, Bloom, Fan, and Kowal, Sayers, Martire, Lohrman have executed an Application for United States Patent based thereon, on the

18 day of December, 2000; and

WHEREAS, OWENS-ILLINOIS CLOSURE INC., a Delaware corporation, 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

18 day of December, 2000.

STATE OF OHIO, COUNTY OF WOOD ss:

George R. Trepina

On this 18 day of December, 2000, before me, a Notary Public, personally appeared the above named George R. Trepina, 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.

My Commission Expires:

November 29, 2004

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

# ASSIGNMENT

WHEREAS, I, TIMOTHY B. KOWAL

of

7053 Country Creek Drive, Maumee, Ohio 43537

U. S. A.,

together with William E. Chalupsky, Wing-Kwong Keung, Kenneth S. Bloom, Ruixin Fan, and George R. Trepina, Richard C. Sayers, have jointly invented an improvement in Gennaro R. Martire, Richard D. Lohrman

"ARTICULATED TRIGGER/COVER UNIT FOR A PUMP DISPENSER" ; and

WHEREAS, I, as a joint applicant with said Messrs. Chalupsky, Keung, Bloom, Fan, and Trepina, Sayers, Martire, Lohrman have executed an Application for United States Patent based thereon, on the

8th day of JANUARY, 2001; and

WHEREAS, OWENS-ILLINOIS CLOSURE INC., a Delaware corporation, 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

8th day of JANUARY, 2001.

  
Timothy B. Kowal

STATE OF OHIO, COUNTY OF WOOD ss:

On this 8 day of January, 2001, before me, a Notary Public, personally appeared the above named Timothy B. Kowal, 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.

My Commission Expires:

November 29, 2004

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



# ASSIGNMENT

WHEREAS, I, RICHARD C. SAYERS

of

3191 Camborne Boulevard, Akron, Ohio 44312

U. S. A.,

together with William E. Chalupsky, Wing-Kwong Keung, Kenneth S. Bloom, Ruixin Fan, George R. Trepina, Timothy B. Kowal, Gennaro M. Martire and have jointly invented an improvement in Richard D. Lohrman

"ARTICULATED TRIGGER/COVER UNIT FOR A PUMP DISPENSER" ; and

WHEREAS, I, as a joint applicant with said

have executed an Application for United States Patent based thereon, on the

27th ~~29th~~ day of JAN, 2001; and

WHEREAS, OWENS-ILLINOIS CLOSURE INC., a Delaware corporation, 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

29th day of JAN, 2001.

*Richard C. Sayers*  
Richard C. Sayers

STATE OF OHIO, COUNTY OF SUMMIT ss:

On this 29 day of January, 2001, before me, a Notary Public, personally appeared the above named Richard C. Sayers, 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.

**Karen Lee Carmack Stadler, Notary Public**  
In and for the State of Ohio

My Commission Expires:

My Commission Expires January 16, 2003

Jan 16, 2003

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

# ASSIGNMENT

WHEREAS, I, GENNARO R. MARTIRE

of

205 Turnbury Lane, Perrysburg, Ohio 43551

U. S. A.,

together with William E. Chalupsky, Wing-Kwong Keung, Kenneth S. Bloom, Ruixin Fan, George R. Trepina, Timothy B. Kowal, Richard C. Sayers, and have jointly invented an improvement in

Richard D. Lohrman

; and

WHEREAS, I, as a joint applicant with said

have executed an Application for United States Patent based thereon, on the

12<sup>th</sup> day of Dec., 2000 and

WHEREAS, OWENS-ILLINOIS CLOSURE INC., a Delaware corporation, 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

12<sup>th</sup> day of Dec., 2000

Gennaro R. Martire  
Gennaro R. Martire

STATE OF OHIO

, COUNTY OF

WOOD ss:

On this 12 day of December, 2000, before me, a Notary Public, personally appeared the above named Gennaro R. Martire, 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.

My Commission Expires:

November 29, 2004

JOYCE M. MURPHY

U. S. Serial No.

Filing Date

# ASSIGNMENT

WHEREAS, I, RICHARD D. LOHRMAN

of

7402 Whispering Oak Drive, Sylvania, Ohio 43560

U. S. A.,

together with William E. Chalupsky, Wing-Kwong Keung, Kenneth S. Bloom, Ruixin Fan, George R. Trepina, Timothy B. Kowal, Richard C. Sayers and have jointly invented an improvement in Gennaro R. Martire

"ARTICULATED TRIGGER/COVER UNIT FOR A PUMP DISPENSER" ; and

WHEREAS, I, as a joint applicant with said Messrs. Chalupsky, Keung, Bloom, Fan, Trepina, Kowal, Sayers, and Martire have executed an Application for United States Patent based thereon, on the

14 day of December, 2000; and

WHEREAS, OWENS-ILLINOIS CLOSURE INC., a Delaware corporation, 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

14 day of December, 2000.

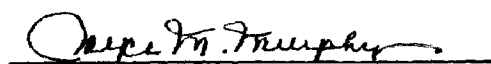


STATE OF OHIO, COUNTY OF WOOD ss:

On this 14 day of December, 2000, before me, a Notary Public, personally appeared the above named Richard D. Lohrman, 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.

My Commission Expires:

November 29, 2004



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