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FORM. PTO-1595

(Rev. 6-93)

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U.S. DEPARTMENT OF COMMERCE

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Tab s	ettings ⊃ ⊃ ⊃ ▼	▼ ▼	•	· ·	▼	•	▼
-	To the Honorable Commissioner of	Patents and Trademarks:	Please re	ecord the atta	ched original doc	cuments or copy	y thereof.
1. Nar	me of conveying party(ies):	•	2. 1	lame and ac	ddress of receiv	ing party(ies)	
See	e attached page 2		١	lame: <u>Owe</u> r	ns-Illinois	Closure	Inc.
Addition	al name(s) of conveying party(ies) atta	ched? □ Yes 🍇 No] 1	nternal Addre	ess:		S. \$ TO
3. Nat	ure of conveyance:		-		···		792
× K	Assignment	☐ Merger	s	street Addres	ss: One SeaG	ate	660
= 9	Security Agreement	☐ Change of Name	-				
	Other			lity:	Toledo S	tate: Ohio	_ZIP: 43666
Execut	ion Date: <u>See attached pa</u>	age 2	A	dditional name	(s) & address(es) a	attached? 🗅 Yes	i Ž i No
4. App	olication number(s) or patent nu	mber(s):					
	nis document is being filed toger Patent Application No.(s)	ther with a new applicati		xecution date		tion is: <u>See</u> a	
		Additional numbers a	attached?	⊒ Yes ⊠iNo			
	ne and address of party to whor cerning document should be ma		6. 1	otal number	of applications a	and patents inv	volved: 1
Nan	ne: Nirav D. Par	ikh	7. 1	otal fee (37	CFR 3.41)	s 40.00	
	rnal Address: Owens-Illino		İ				
inte	mai Address		'	☐ Enclosed			
			9	1 Authorize	d to be charged	to deposit ac	count
Stre	et Address: One SeaGate,	25-LDP	8. [Deposit acco	unt number:		
			_			15-08	75
City	:Toledo_State:	Ohio ZIP: 43666	(,	Attach duplicate	e copy of this page	if paying by depo	osit account)
		DO NOT U	SE THIS S	PACE			
To the	tement and signature. The best of my knowledge and booriginal document. CAV D. Parikh Name of Person Signing	effet, the foregoing infon	Signatu	inku ire		ttached copy is	s a true copy of

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

Page 2





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

PATENT REEL: 011595 FRAME: 0856

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

14 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 s 14 day of Javany	et my hand and affixed my sea	l this
STATE OF Minmenta, COUNT	William E. Chalupsky	ss:
On this ///day of //onuard personally appeared the above named Willi to me and known by me to be the one who ex subscribed the same in my presence, and ac act and deed.	am E. Chalupsky , personal cecuted the foregoing instrume	ly known ent and
My Commission Expires:	Many JRo	70
1-31-2005	\mathcal{O}	
NANCY G. ROSE . S. Serial No	Filing Date_	

Minnesota

My Commission Expires Jan. 31, 2005

PATENT

WHEREAS,	I,	WING-KWONG	KEUNG
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of

29249 Bates Road, Perrysburg, Ohio 435	49249	249 Bates	Road,	Perrysburg,	Ohio	4355
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U. S. A.,

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

"ARTICULATED TRIGGER/COVER UNIT FOR A PUMP DISPENSER"

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 day of _____, 20*OO*; 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 WHER	EOF, I have hereunto se	t my hand and affixed my	seal this
2th day of	De .	, 2000	
	`	10 ma 08 Y	MA
STATE OF OHIO	, COUNTY	Wing-Kwong Keung of	WOOD ss:
personally appeared to me and known by m	the above named Wing-	_, 20 00, before me, a NKwong Keung , personated the foregoing instructions are to be	onally known rument and his free
My Commission Expire	: 8 :	Cure M. Murpe	1
November 29, 2004			
	U. S. Serial No.	Filing Da	
E 744		JOYCE IN THE COLON	e fi

Notary Public, State of Ohio Commission Expires 11-29 ATENT

REEL: 011595 FRAME: 0859

ASSIGNMENT

WHEREAS, I, KENNETH S. BLOOM Jerry VB 12/12/00 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
12th 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
12th day of December, 2000.
STATE OF OHIO Kenneth S. Bloom 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
JOYCE M. MURPHY Notary Public, State of Ohio Commission Expires 14 A 19 PM T

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. I	,ohrman
"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-th 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.	<i>;</i>
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 th day of DECEMBER, 2000.	
Ruxin 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: Mye. M. Thurply	
November 29, 2004	
U. S. Serial No Filing Date	

Form 744

JOYCE M. MURPHY
Notary Public, State of Ohio
Commission Expires 11-29PATENT

WHEREAS, I, GEORGE R. TREPINA	of	
346 Cove Harbor Drive East, Holland, Ohio	43528 U.S.A.,	
together with William E. Chalupsky, Wing-Bloom, Ruixin Fan, and Timothy B. Kowal, Rinave jointly invented an improvement in Gennaro	Kwong Keung, Kenneth S. ichard C. Sayers, R. Martire, Richard D.	Lohrman
"ARTICULATED TRIGGER/COVER UNIT FOR A	PUMP DISPENSER" ; and	
WHEREAS, I, as a joint applicant with said Me Bloom, Fan, and Kowal, Sayers, Martire, Lol have executed an Application for United States Pat	orman ent based thereon, on the	
18 day of DECEMPSION, 20	oo; and	
WHEREAS, OWENS-ILLINOIS CLOSURE INC., a is desirous of acquiring certain rights th		
NOW, THEREFORE, for One Dollar (\$1.00) and our receipt of all of which is hereby acknowledged, I sell, assign, and transfer unto said corporation may interest in and throughout the United States of Ametories and dependencies) and all countries foreign invention, said application and any and all patent thereof) of any country, which have been or may be or any part thereof, or on said application or any renewal, reissue, or other patent application, based upon said invention.	have agreed to and do hereby y entire right, title, and erica (including its terri- thereto, in and to said s (including extensions granted on said invention divisional, continuing,	
TO BE HELD AND ENJOYED by said corporation, i the full ends of the respective terms for which sa have been or may be granted, as fully and entirely held and enjoyed by me had no sale and assignment	id patents or any of them as the same would have been	
AND I hereby covenant and agree for myself, m sentatives to assist my said assignee in the prose and in any interference which may arise involving request, to execute without further consideration divisional, continuing, renewal, reissue, or other in any country, that might be deemed necessary by to said assignee its interest as aforesaid in and thereof, and in and to said several patents or any authorize the above-mentioned assignee to insert ifying serial number and filling date of my said approach.	cution of said application said invention, and, upon all necessary and desirable applications for patents said assignee fully to secur to said invention or any par of them. Further I hereby n this instrument the identi	e t
AND I do hereby authorize and request the Com United States of America to issue any and all Unit be granted upon said United States applications or invention or any part thereof, to said corporation	ed States patents which may any of them, or upon said	
IN WITNESS WHEREOF, I have hereunto set my ha	nd and affixed my seal this	
STATE OF OHIO GEORGE , COUNTY OF	ge R. Zrepina WOOD ss:	
on this 18 day of December, 20 of personally appeared the above named George Reto me and known by me to be the one who executed to subscribed the same in my presence, and acknowledged act and deed.	Trepina , personally know he foregoing instrument and ed the same to be his free	c, n
My Commission Expires:	Repet Thursday	
November 29, 2004 U. S. Serial No.	Filing Date	_

Form 744

JOYCE M. MURPHY
Notary Public, State of Ohio
Commission Expires 11-29-24ENT

WHEREAS,	I,	TIMOTHY	в.	KOWAL	C

7053 Country Creek Drive, Maumee, Ohio 43537

U. S. A.,

ſ

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

STATE OF OHIO , COUNTY OF WOOD ss:

On this & 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:

Nowember 29, 2004

U. S. Serial No.___

JOYCE M. MURPHY
Notary Public, State of Ohio
Commission Expires 11-29-PATENT

Filing Date_

REEL: 011595 FRAME: 0862

Form 744

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 2006 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.
(hickard C. Jayers
STATE OF OHIO , COUNTY OF SUMMIT ss:
On this day of
Jan 16 2003 U. S. Serial No Filing Date

Form 744

PATENT REEL: 011595 FRAME: 0863

WHEREAS, I. GENNARO R. MARTIRE

of

205 Turnbury Lane, Perrysburg, Ohio 43551

U. S. A.,

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

	ے و	11101
WHEREAS, I, as a joint applicant with said		
have executed an Application for United States Patent based thereon, on	the	;
12Th. day of <u>DeC.</u> , 2000 and		
WHEREAS, OWENS-ILLINOIS CLOSURE INC., a Delaware corporat	ion	, 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 day of Dec. OHIO STATE OF , COUNTY OF 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. Dupe M. Thurply, My Commission Expires: November 29, 2004 U. S. Serial No._ _ Filing Date JOYUL M. MURPHY

Notary Public, State of Ohio Commission Expires 11-29404ENT

REEL: 011595 FRAME: 0864

Form 744

WHEREAS, I, RICHARD D. LOHRMAN		of
7402 Whispering Oak Drive, Sylvania	, Ohio 43560 U.	S. A.,
together with William E. Chalupsky, Wi Ruixin Fan, George R. Trepina, Timo have jointly invented an improvement in	ing-Kwong Keung, Kenneth thy B. Kowal, Richard C. Gennaro	S. Bloom, Sayers and R. Martire
"ARTICULATED TRIGGER/COVER UNIT	r for a pump dispenser"	; and
WHEREAS, I, as a joint applicant with Fan, Trepina, Kowal, Sayers, and Manhave executed an Application for United St	rtire ates Patent based thereon, or	Keung, Bloom,
	, 20 <u>00</u> ; and	
WHEREAS, OWENS-ILLINOIS CLOSURE desirous of acquiring certain rights		ation, is
NOW, THEREFORE, for One Dollar (\$1.00 receipt of all of which is hereby acknowle sell, assign, and transfer unto said corpo interest in and throughout the United Stattories and dependencies) and all countries invention, said application and any and althereof) of any country, which have been or any part thereof, or on said applicatio renewal, reissue, or other patent applicat or based upon said invention.	edged, I have agreed to and do cration my entire right, title ses of America (including its foreign thereto, in and to s I patents (including extension or may be granted on said investor or any divisional, continu	o hereby e, and terri- said ons ention
TO BE HELD AND ENJOYED by said corpor the full ends of the respective terms for have been or may be granted, as fully and held and enjoyed by me had no sale and ass	which said patents or any of entirely as the same would he	them ave been
AND I hereby covenant and agree for m sentatives to assist my said assignee in t and in any interference which may arise in request, to execute without further consid divisional, continuing, renewal, reissue, in any country, that might be deemed neces to said assignee its interest as aforesaid thereof, and in and to said several patent authorize the above-mentioned assignee to fying serial number and filing date of my	the prosecution of said application, and, are action all necessary and desor other applications for particular by said assignee fully to in and to said invention or as or any of them. Further I insert in this instrument the	cation upon sirable tents to secure any part hereby identi-
AND I do hereby authorize and request United States of America to issue any and be granted upon said United States applica invention or any part thereof, to said cor	all United States patents whittions or any of them, or upon	ich may
IN WITNESS WHEREOF, I have hereunto s 14 day of December	et my hand and affixed my sea	al this
STATE OF OHIO , COUNT	Y OF	ss:
On this 14 day of <u>December</u> personally appeared the above named <u>Richally</u> to me and known by me to be the one who ex subscribed the same in my presence, and ac act and deed.	ecuted the foregoing instrume knowledged the same to be his	lly known ent and
My Commission Expires:	Jupe In Thurshy	
November 29, 2004 U. S. Serial No.	Filing Date	
Form 744	JOYCE M. MURPHY Notary Public. State of O Commission E 11-29	9-04
PECOPDED: 02/21/2001	DEEL - A	PATENT

RECORDED: 02/21/2001