RE

U.S. DEPARTMENT OF COMMERCE

OMB No. 0651-0027 (exp. 6/30/2005)	24754	
Tab settings ⇔ ⇔ ▼	V V V P	
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.	
Name of conveying party(ies): John M. Shingle	2. Name and address of receiving party(ies) Name: Owens-Illinois Closure Inc.	
	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes Vo		
3. Nature of conveyance:		
Assignment Merger	Street Address: One SeaGate	
Security Agreement Change of Name Other		
	City: Toledo State: OH Zip: 43666	
07/31/2003 Execution Date:	Additional name(s) & address(es) attached? Yes V No	
Application number(s) or patent number(s):		
If this document is being filed together with a new appli	cation, the execution date of the application is:	
A. Patent Application No.(s) 10,434530	B. Patent No.(s)	
Additional numbers at	ached? Yes No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	
concerning document should be mailed: Name: Nirav D. Parikh	7. Total fee (37 CFR 3.41)\$	
Owens-Illinois, Inc.	Enclosed	
	Authorized to be charged to deposit account	
Street Address:One SeaGate, 25-LDP	8. Deposit account number:	
	15-0875	
City:_ToledoState:_OH_Zip:_43666		
DO NOT USE	THIS SPACE	
9. Signature. Nirav D. Parkh	200 8/4/03	
Name/of Person Signing	Signature Date	
/	r sheet, attachments, and documents:	
Mail documents to be recorded with		

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

08/14/2003 LHUELLER 00000002 150875

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PATENT REEL: 014368 FRAME: 0512

ASSIGNMENT

WHEREAS, I, John M. S U.S.A., have invented an improven		Road, Apartment 58, Perrysburg, Ohio 43551, g Method and Apparatus; and	
WHEREAS, I have executed, 2003; and	ted an Application for Unite	ited States Patent based thereon, on the 3/ day	
WHEREAS, Owens-Illinorights thereunder;	ois Closure Inc., a corporat	ation of Delaware, is desirous of acquiring certain	
is hereby acknowledged, I have agr right, title, and interest in and throu dependencies) and all countries fore (including extensions thereof) of an	reed to and do hereby sell, as ighout the United States of A eign thereto, in and to said in my country, which have been my divisional, continuing, res	ther valuable considerations, receipt of all of which assign, and transfer unto said corporation my entire f America (including its territories and l invention, said application and any and all patents en or may be granted on said invention or any part renewal, reissue, or other patent application, based	
respective terms for which said pate	ents or any of them have bee	, its successors and assigns, to the full ends of the een or may be granted, as fully and entirely as the nd assignment of said interest been made;	
assignee in the prosecution of said a and, upon request, to execute withorenewal, reissue, or other applicatio assignee fully to secure to said assig in and to said several patents or any	application and in any interfact further consideration all tons for patents in any country gnee its interest as aforesaid of them. Further, I hereby	eirs, and my legal representatives, to assist my said erference which may arise involving said invention, I necessary and desirable divisional, continuing, etry, that might be deemed necessary by said id in and to said invention or any part thereof, and by authorize the above-mentioned assignee to insert the of my said application when received.	
AND I do hereby authorize issue any and all United States pater them, or upon said invention or any	nts which may be granted up	sioner of Patents of the United States of America to upon said United States applications or any of oration.	
IN WITNESS WHEREOF , 2003.	, I have hereunto set my har	John M. Shingle	
STATE OF OHIO COUNTY OF WOOD)) ss:)		
On this 3 day of 3 above-named John M. Shingle, and subscribed the same in my presence.	known by me to be the one	re me, a Notary Public, personally appeared the see who executed the foregoing instrument and to be his free act and deed.	
SEAL		Nybycehlic MURPHY	
U.S. Serial No	Filing Date	Notary Public, State of Ohio Commission Expires 11-29-04	

RECORDED: 08/05/2003

PATENT REEL: 014368 FRAME: 0513