					1/1/8 USA		
FORM PTO-1595 (Rev. 6-93)	RECO	08-19	9-1998	ΞΤ	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
OMB No. 0651-0011 (exp. 4/94)	_	iii ii ii ii ii			09/130 313		
Tab settings ⇔ ⇔ ♥	V			-	V V		
To the Honorable Commission			82608	original	documents or copy thereof.		
Name of conveying party(ies)	MIKU 8	7-98	2. Name and addr		- · · · · ·		
(a) Frank J. DiFrank and (c) William B. R		yne Leidy,			ay Glass Container Inc.		
Additional name(s) of conveying party(ies) attached? 그 Yes 설 No			Internal Address	3:	3 b 10		
3. Nature of conveyance:			with first the proper or village common the proper in the property and a state of the property		130.79		
🖄 Assignment	☐ Mei	rger	Street Address:	One Sea	aGate 1000		
Security Agreement	☐ Cha	ange of Name		Taleda	Ohio 43666		
Other			City:	TOTEGO	State: Ohio ZIP: 43666		
Execution Date: (a) (b) (c) August 5, 1998			Additional name(s) & address(es) attached? ☐ Yes 💆 No				
4. Application number(s) or pate	ent number(s):						
If this document is being filed	I together with a	new application	n, the execution date o	of the appl	lication is: (a) (b) (c):		
					August 5, 1998		
A. Patent Application No.(s)			B. Patent No.(s	S)			
Additional numbers attached? 그 Yes 젋 No							
Name and address of party to concerning document should		ondence	6. Total number of	application	ns and patents involved:		
Name: H. G. Br	uss	Charles Company of Company Company Company	7. Total fee (37 CF	FR 3.41) .	\$ 40.00		
Internal Address: Owens-Il	linois	- The Management of A Through State of the S	☐ Enclosed				
		and the second s	ă Authorized t	to be char	ged to deposit account		
					. ५० <u>८</u>		
Street Address: One SeaG	ate, 25-LDF)	8. Deposit accoun	t number:			
	anne ga gagannaga ga	hann I - Marine 1977 ann aidhlige d'i 1970 an 1980.			15-0875		
City: Toledo Sta	ate: Ohio z	IP: 43666	(Attach duplicate co	opy of this p	age if paying by depost account)		
DO NOT USE THIS SPACE							
					E		
Statement and signature. To the best of my knowledge the original document.	and belief, the I	foregoing inform	ation)is true and corre	ct and an	y attached copy is a true copy of		
H. G. Bruss		HE	NUL.				
Name of Person Signing Signature Date							
Total number of pages including cover sheet, attachments, and document:							
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments							
		Washington			00/13/1998		
PATENT FREEL: 9383 FRAME: 0054							

REEL: 9383 FRAME: 0054

ASSIGNMENT

WHEREAS, I, FRANK J. DIFRANK	of
3992 Woodley Road, Toledo, Ohio 43606	U. S. A.,
together with D. Wayne Leidy and William B. Rugh	
have jointly invented an improvement in "Forehearth Feeder Tuk	e Lift
System"	; and
WHEREAS, I, as a joint applicant with said Messrs. Leidy ar	nd Rugh
have executed an Application for United States Patent based thereon	, on the
5th day of August, 1998; and	
whereas, OWENS-BROCKWAY GLASS CONTAINER INC., a Delaw corporation, is desirous of acquiring certain rights them	
NOW, THEREFORE, for One Dollar (\$1.00) and other valuable considered for all of which is hereby acknowledged, I have agreed to an sell, assign, and transfer unto said corporation my entire right, to interest in and throughout the United States of America (including tories and dependencies) and all countries foreign thereto, in and invention, said application and any and all patents (including extentereof) of any country, which have been or may be granted on said or any part thereof, or on said application or any divisional, contrenewal, reissue, or other patent application, based in whole or in or based upon said invention.	d do hereby itle, and its terri- to said nsions invention inuing,
TO BE HELD AND ENJOYED by said corporation, its successors and the full ends of the respective terms for which said patents or any have been or may be granted, as fully and entirely as the same would held and enjoyed by me had no sale and assignment of said interest	of them d have been
AND I hereby covenant and agree for myself, my heirs, and my I sentatives to assist my said assignee in the prosecution of said agrand in any interference which may arise involving said invention, a request, to execute without further consideration all necessary and divisional, continuing, renewal, reissue, or other applications for in any country, that might be deemed necessary by said assignee ful to said assignee its interest as aforesaid in and to said invention thereof, and in and to said several patents or any of them. Further authorize the above-mentioned assignee to insert in this instrument fying serial number and filing date of my said application when recommendations.	plication nd, upon desirable patents ly to secure or any part r I hereby the identi-
AND I do hereby authorize and request the Commissioner of Pate United States of America to issue any and all United States patents be granted upon said United States applications or any of them, or invention or any part thereof, to said corporation.	which may
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my 5th day of August houl by hou	seal this
water and the second se	od ss:
On this 5 day of August , 1998, before me, a M personally appeared the above named Frank J. DiFrank , personal to me and known by me to be the one who executed the foregoing instance subscribed the same in my presence, and acknowledged the same to be act and deed.	rument and
My Commission Expires Notary Public, State of Ohio Wight My Commission Expires 11-29-99	rply
U. 3. Serial No. Filing Da	te
Form 144	

PATENT REEL: 9383 FRAME: 0055

ASSIGNMENT

WHEREAS, I, D. WAYNE LEIDY	of				
9921 Parliament Place, Perrysburg, Ohio 43551	U. S. A.,				
together with Frank J. DiFrank and William B. Rugh	,				
have jointly invented an improvement in "Forehearth Feeder I	ube Lift				
System"	; and				
WHEREAS, I, as a joint applicant with said Messrs DiFrank	and Rugh				
have executed an Application for United States Patent based thereo					
5th day of August, 1998; and					
WHEREAS, OWENS-BROCKWAY GLASS CONTAINER INC., a Dela corporation, is desirous of acquiring certain rights the	ware reunder;				
NOW, THEREFORE, for One Dollar (\$1.00) and other valuable con receipt of all of which is hereby acknowledged, I have agreed to a sell, assign, and transfer unto said corporation my entire right, interest in and throughout the United States of America (including tories and dependencies) and all countries foreign thereto, in and invention, said application and any and all patents (including ext thereof) of any country, which have been or may be granted on said or any part thereof, or on said application or any divisional, con renewal, reissue, or other patent application, based in whole or i or based upon said invention.	nd do hereby title, and its terri- to said ensions invention tinuing,				
TO BE HELD AND ENJOYED by said corporation, its successors and the full ends of the respective terms for which said patents or an have been or may be granted, as fully and entirely as the same wou held and enjoyed by me had no sale and assignment of said interest	y of them ld have been				
AND I hereby covenant and agree for myself, my heirs, and my sentatives to assist my said assignee in the prosecution of said a and in any interference which may arise involving said invention, request, to execute without further consideration all necessary and divisional, continuing, renewal, reissue, or other applications for in any country, that might be deemed necessary by said assignee fut to said assignee its interest as aforesaid in and to said invention thereof, and in and to said several patents or any of them. Furth authorize the above-mentioned assignee to insert in this instrument fying serial number and filing date of my said application when re	pplication and, upon d desirable r patents lly to secure n or any part er I hereby t the identi-				
AND I do hereby authorize and request the Commissioner of Pat United States of America to issue any and all United States patent be granted upon said United States applications or any of them, or invention or any part thereof, to said corporation.	s which may				
IN WITNESS WHEREOF, I have hereunto set my hand and affixed m 5th day of August Uaunu	y seal this				
STATE OF Ohio , COUNTY OF Wayne Leidy Wood	55:				
On this 5 day of August , 1998, before me, a personally appeared the above named D. Wayne Leidy , per to me and known by me to be the one who executed the foregoing ins subscribed the same in my presence, and acknowledged the same to b act and deed.	sonally known trument and				
My Commission Expires Notary Public, State of Ohio Lyce to Thurshy					
The state of the s	in ta				
U. 3. Serial No Filing E					

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PATENT REEL: 9383 FRAME: 0056

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ASSIGNMENT

WHEREAS, I, WILLIAM B. RUGH

137 Rutledge Drive, Waterville, Ohio 43566	U. S. A.,
together with Frank J. DiFrank and D. Wayne Leidy	
have jointly invented an improvement in "Forehearth Feeder Tuk	æ Lift
System"	; and
WHEREAS, I, as a joint applicant with said Messrs. DiFrank	and Leidy
have executed an Application for United States Patent based thereon	, on the
day of Argust, 1998; and	
WHEREAS, OWENS-BROCKWAY GLASS CONTAINER INC., a Delaw corporation, is desirous of acquiring certain rights them	are eunder;
NOW, THEREFORE, for One Dollar (\$1.00) and other valuable cons receipt of all of which is hereby acknowledged, I have agreed to an sell, assign, and transfer unto said corporation my entire right, t interest in and throughout the United States of America (including tories and dependencies) and all countries foreign thereto, in and invention, said application and any and all patents (including extentereof) of any country, which have been or may be granted on said or any part thereof, or on said application or any divisional, contrenewal, reissue, or other patent application, based in whole or in or based upon said invention.	d do hereby itle, and its terri- to said nsions invention inuing,
TO BE HELD AND ENJOYED by said corporation, its successors and the full ends of the respective terms for which said patents or any have been or may be granted, as fully and entirely as the same would held and enjoyed by me had no sale and assignment of said interest	of them d have been
AND I hereby covenant and agree for myself, my heirs, and my sentatives to assist my said assignee in the prosecution of said apand in any interference which may arise involving said invention, a request, to execute without further consideration all necessary and divisional, continuing, renewal, reissue, or other applications for in any country, that might be deemed necessary by said assignee ful to said assignee its interest as aforesaid in and to said invention thereof, and in and to said several patents or any of them. Furthe authorize the above-mentioned assignee to insert in this instrument fying serial number and filing date of my said application when recommends.	plication nd, upon desirable patents ly to secure or any part r I hereby the identi-
AND I do hereby authorize and request the Commissioner of Pate United States of America to issue any and all United States paterts be granted upon said United States applications or any of them, or invention or any part thereof, to said corporation.	which may
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my day of August, 1998. William B. Ru	seal this
STATE OF Ohio , COUNTY OF Work	pd ss:
On this 5 day of AUGUST , 1948, before me, and personally appeared the above named William B. Rugh , personally appeared the above named william B. Rugh , personally appeared the above named william B. Rugh , personally appeared the same in my presence, and acknowledged the same to be act and deed.	conally known rument and his free
My Commission Expires Notary Public, State of Ohio Light M murp	lys
My Commission Expires 11-29-99	
U. S. Serial No. Filing De	ate

PATENT REEL: 9383 FRAME: 0057