

FORM PTO-1595 (Rev. 6-93) OMB No 0651-0011 (exp 4/94) Tab settings	RECO 08-19-1998 	ET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 09/130 313
To the Honorable Commissioner of Patents. 100782608		original documents or copy thereof.
1. Name of conveying party(ies): <u>MRD 8-7-98</u> (a) Frank J. DiFrank, (b) D. Wayne Leidy, and (c) William B. Rugh Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Owens-Brockway Glass Container Inc.</u> Internal Address: _____ _____ Street Address: <u>One SeaGate</u> _____ City: <u>Toledo</u> State: <u>Ohio</u> ZIP: <u>43666</u> _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>(a) (b) (c) August 5, 1998</u>	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: <u>(a) (b) (c) : August 5, 1998</u> A. Patent Application No.(s) _____ B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>H. G. Bruss</u> Internal Address: <u>Owens-Illinois</u> _____ Street Address: <u>One SeaGate, 25-LDP</u> _____ City: <u>Toledo</u> State: <u>Ohio</u> ZIP: <u>43666</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41)\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <u>405</u> 8. Deposit account number: <u>15-0875</u> (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE		
9. Statement and signature. <i>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.</i> <u>H. G. Bruss</u> _____ Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document: <u>4</u>		

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

PATENT
 REEL: 9383 FRAME: 0054

09/13/1998 TTU11 01 FC:561

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 Tube Lift
 System" ; and

WHEREAS, I, as a joint applicant with said Messrs. Leidy and 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 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
5th day of August, 1998
Frank J. DiFrank
 Frank J. DiFrank
 STATE OF Ohio, COUNTY OF Wood ss:

On this 5 day of AUGUST, 1998, before me, a Notary Public,
 personally appeared the above named Frank J. DiFrank, 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.

JOYCE M. MURPHY
 My Commission Expires Notary Public, State of Ohio Joyce M. Murphy
 My Commission Expires 11-29-99

U. S. Serial No. _____ Filing Date _____

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 Tube Lift
 System" ; and

WHEREAS, I, as a joint applicant with said Messrs DiFrank and Rugh
 have executed an Application for United States Patent based thereon, on the
5th day of August, 1998; and

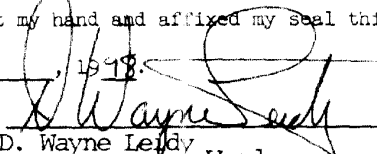
WHEREAS, OWENS-BROCKWAY GLASS CONTAINER INC., a Delaware
 corporation, is desirous of acquiring certain rights thereunder;

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.

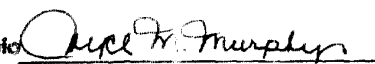
TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to
 the full ends of the respective terms for which said patents or any of them
 have been or may be granted, as fully and entirely as the same would have been
 held and enjoyed by me had no sale and assignment of said interest been 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
5th day of August, 1998.

 D. Wayne Leidy
 STATE OF Ohio, COUNTY OF Wood ss:

On this 5 day of AUGUST, 1998, before me, a Notary Public,
 personally appeared the above named D. Wayne Leidy, 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.

JOYCE M. MURPHY
 Notary Public, State of Ohio
 My Commission Expires: 11-29-99


U. S. Serial No. _____ Filing Date _____

ASSIGNMENT

WHEREAS, I, WILLIAM B. RUGH of
 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 Tube 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
5TH day of August, 1998; and

WHEREAS, OWENS-BROCKWAY GLASS CONTAINER INC., a Delaware
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NOW, THEREFORE, for One Dollar (\$1.00) and other valuable considerations,
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 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
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 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
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 to said assignee its interest as aforesaid in and to said invention or any part
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 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
5TH day of August, 1998.
William B. Rugh
 William B. Rugh
 STATE OF Ohio, COUNTY OF Wood ss:

On this 5 day of August, 1998, before me, a Notary Public,
 personally appeared the above named William B. Rugh, 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.

JOYCE M. MURPHY
 Notary Public, State of Ohio
 My Commission Expires 11-29-99

U. S. Serial No. _____ Filing Date _____