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17371 USA



FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)

RECC. 101281782 PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Tab settings 000 1.31.00

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

1. Name of conveying party(ies): Matthew D. Redd, D. Wayne Leidy, and Jay E. Werner

2. Name and address of receiving party(ies) Name: Owens-Brockway Glass Container Inc.

Internal Address:

Street Address: One SeaGate

City: Toledo State: Ohio ZIP: 43666

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance: [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other

Execution Date: January 28, 2000

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: Jan. 28, 2000

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: H. G. Bruss

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 [X] Authorized to be charged to deposit account

8. Deposit account number: 15-0875

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

03/03/2000 DNGUYEN 00000186 150875 09495273

DO NOT USE THIS SPACE

FC:581 (40.00 CH)

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.

H. G. Bruss Name of Person Signing

Signature

Date 1/28/00

Total number of pages including cover sheet, attachments, and document: 4

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

PATENT REEL: 010580 FRAME: 0970

ASSIGNMENT

WHEREAS, I, MATTHEW D. REDD of 1030 Country View Lane #20E, Toledo, Ohio 43615 U. S. A., together with D. Wayne Leidy and Jay E. Werner have jointly invented an improvement in "GLASSWARE FORMING SYSTEM WITH STAR NETWORK COMMUNICATION CONFIGURATION" ; and

WHEREAS, I, as a joint applicant with said Messrs. Leidy and Werner have executed an Application for United States Patent based thereon, on the 28th day of January, 2000; 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 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 28th day of January, 2000.

Matthew D. Redd Matthew D. Redd WOOD ss: STATE OF OHIO, COUNTY OF

On this 28 day of January, 2000, before me, a Notary Public, personally appeared the above named Matthew D. Redd, 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: 11/29/2004 Joyce M. Murphy

U. S. Serial No. Filing Date

ASSIGNMENT

WHEREAS, I, D. WAYNE LEIDY of 9921 Parliament Place, Perrysburg, Ohio 43551 U. S. A., together with Matthew D. Redd and Jay E. Werner have jointly invented an improvement in "GLASSWARE FORMING SYSTEM WITH STAR NETWORK COMMUNICATION CONFIGURATION" ; and

WHEREAS, I, as a joint applicant with said Messrs. Redd and Werner have executed an Application for United States Patent based thereon, on the 28th day of January, 2000; 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 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 28th day of January, 2000.

D. Wayne Leidy WOOD ss: STATE OF OHIO, COUNTY OF WOOD

On this 28 day of January, 2000, 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.

My Commission Expires: 11/29/2004 Joyce M. Murphy

U. S. Serial No. Filing Date

ASSIGNMENT

WHEREAS, I, JAY E. WERNER of 839 Butterfield Drive, Toledo, Ohio 43615 U. S. A., together with Matthew D. Redd and D. Wayne Leidy

have jointly invented an improvement in "GLASSWARE FORMING SYSTEM WITH STAR NETWORK COMMUNICATION CONFIGURATION ; and

WHEREAS, I, as a joint applicant with said Messrs. Redd and Leidy have executed an Application for United States Patent based thereon, on the 28th day of January, 2000; 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 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 28th day of January, 2000.

STATE OF OHIO, COUNTY OF WOOD ss: Jay E. Werner

On this 28 day of January, 2000, before me, a Notary Public, personally appeared the above named Jay E. Werner, 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: 11/29/2004 Joyce M. Murphy

U. S. Serial No. Filing Date