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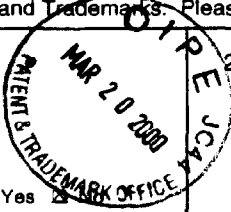
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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Tab settings

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

1. Name of conveying party(ies): (a) Garrett L. Scott, (b) Michael T. Dembicki, and (c) Kevin N. Fick



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

Additional name(s) of conveying party(ies) attached?  Yes  No

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

Internal Address:

Execution Date: (a) February 29, 2000 (b) (c) February 23, 2000

Street Address: One SeaGate

City: Toledo State: Ohio ZIP: 43666

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

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:

A. Patent Application No.(s) 09/455,270 filed 12/06/99

B. Patent No.(s)

Additional numbers attached?  Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and patents involved: 1

Name: H. G. Bruss

7. Total fee (37 CFR 3.41).....\$ 40.00

Internal Address: Owens-Illinois

[ ] Enclosed [X] Authorized to be charged to deposit account

Street Address: One SeaGate, 25-LDP

8. Deposit account number: 15-0875

City: Toledo State: Ohio ZIP: 43666

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

DO NOT USE THIS SPACE

03/24/2000 CVORACHA 00000112 150875 09455270

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] Signature

3/10/00 Date

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: 010629 FRAME: 0654

ASSIGNMENT

WHEREAS, I, MICHAEL T. DEMBICKI of 6095 Linwood Road, Pemberville, Ohio 43450 U. S. A., together with Garrett L. Scott and Kevin N. Fick have jointly invented an improvement in "APPARATUS AND METHOD FOR DELIVERING A CASED GLASS STREAM" ; and

WHEREAS, I, as a joint applicant with said Messrs. Scott and Fick have executed an Application for United States Patent based thereon, on the 23 day of February, 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

23 day of February, 2000.

[Signature of Michael T. Dembicki] Michael T. Dembicki

STATE OF OHIO, COUNTY OF WOOD ss:

On this 23 day of February, 2000, before me, a Notary Public, personally appeared the above named Michael T. Dembicki, 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:

[Signature of Joyce M. Murphy] Joyce M. Murphy

11/29/2004

U. S. Serial No. 09/455,270 Filing Date 12/06/99

ASSIGNMENT

WHEREAS, I, GARRETT L. SCOTT of 2424 St. James Wood Boulevard, Toledo, Ohio 43617 U. S. A., together with Michael T. Dembicki and Kevin N. Fick have jointly invented an improvement in "APPARATUS AND METHOD FOR DELIVERING A CASED GLASS STREAM ; and

WHEREAS, I, as a joint applicant with said Messrs. Dembicki and Fick have executed an Application for United States Patent based thereon, on the 29th day of February, 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 29th day of February, 2000.

Garrett L. Scott WOOD ss: STATE OF OHIO, COUNTY OF

On this 29 day of February, 2000, before me, a Notary Public, personally appeared the above named Garrett L. Scott, 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: Joyce M. Murphy

11/29/2004 U. S. Serial No. 09/455,270 Filing Date 12/06/99

ASSIGNMENT

WHEREAS, I, KEVIN N. FICK of 109 S. Church Street, Haskins, Ohio 43525 U. S. A., together with Michael T. Dembicki and Garrett L. Scott have jointly invented an improvement in "APPARATUS AND METHOD FOR DELIVERING A CASED GLASS STREAM" ; and

WHEREAS, I, as a joint applicant with said Messrs. Dembicki and Scott have executed an Application for United States Patent based thereon, on the 23 day of FEBRUARY, 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

23 day of FEBRUARY, 2000, Kevin N. Fick STATE OF OHIO, COUNTY OF WOOD ss:

On this 23 day of February, 2000, before me, a Notary Public, personally appeared the above named Kevin N. Fick, 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. 09/455,270 Filing Date 12/06/99