

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Stephen D Barton | 07/08/2011 |
| Carol A Click | 07/08/2011 |
| Terence K G Howse | 07/08/2011 |
| RECEIVING PARTY DATA | |
| Name: | Owens-Brockway Glass Container Inc. |
| Street Address: | One Michael Owens Way |
| City: | Perrysburg |
| State/Country: | OHIO |
| Postal Code: | 43551 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13179161 |
| CORRESPONDENCE DATA | |
| Fax Number: | (567)336-8555 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Email: | amy.bell@o-i.com |
| Correspondent Name: | Susan L. Smith |
| Address Line 1: | One Michael Owens Way |
| Address Line 4: | Perrysburg, OHIO 43551 |
| ATTORNEY DOCKET NUMBER: | 19090 USA |
| NAME OF SUBMITTER: | Susan L. Smith |
| Total Attachments: 3 source=19090Assignment1#page1.tif source=19090Assignment2#page1.tif source=19090Assignment3#page1.tif | |

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PATENT
REEL: 026583 FRAME: 0314

ASSIGNMENT

WHEREAS, I, Stephen D. Barton 11512 Mendoleine Road, Dansville, NY 14437, U.S.A, together with Carol A. Click and Terence K. G. Howse have invented an improvement in an "Glass Container Composition".

WHEREAS, I, have executed an Application for United States Patent based thereon, on the 8th day of July, 2011; and

WHEREAS, Owens-Brockway Glass Container Inc., a corporation of Delaware, of One Michael Owens Way, Perrysburg, Ohio 43551-2999, U.S.A., 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 8th day of July, 2011.


Stephen D. Barton

STATE OF OHIO)
) ss:
COUNTY OF WOOD)

On this 8th day of July, 2011, before me, a Notary Public, personally appeared the above-named Stephen D. Barton, 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.

SEAL


AMY M. BELL
Notary Public, State of Ohio
My Commission Expires May 12, 2015

ASSIGNMENT

WHEREAS, I, Carol A. Click, 912 Louisiana Avenue, Perrysburg, OH 43551 U.S.A., together with Stephen D. Barton and Terence K. G. Howse have invented an improvement in an "Glass Container Composition".

WHEREAS, I, have executed an Application for United States Patent based thereon, on the 8th day of July, 2011; and

WHEREAS, Owens-Brockway Glass Container Inc., a corporation of Delaware, of One Michael Owens Way, Perrysburg, Ohio 43551-2999, U.S.A., is desirous of acquiring certain rights thereunder;

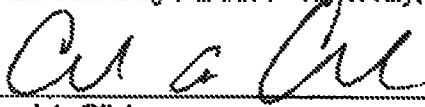
NOW, THEREFORE, for One Dollar (\$1.00) and other valuable considerations, receipt of all of which is hereby acknowledged, I have agreed to and do hereby sell, assign, and transfer unto said corporation my entire right, title, and interest in and throughout the United States of America (including its 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 8th day of July, 2011.


 Carol A. Click

STATE OF OHIO)
) ss:
 COUNTY OF WOOD)

On this 8th day of July, 2011, before me, a Notary Public, personally appeared the above-named Carol A. Click, 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.

SEAL


 AMY M. BELL
 Notary Public, State of Ohio
 My Commission Expires May 12, 2015

ASSIGNMENT

WHEREAS, I, Terence K. G. Howse, 4243 W. Bancroft, Toledo, OH 43615 U.S.A., together with Stephen D. Barton and Carol A. Click have invented an improvement in an "Glass Container Composition".

WHEREAS, I, have executed an Application for United States Patent based thereon, on the 8th day of July, 2011; and

WHEREAS, Owens-Brockway Glass Container Inc., a corporation of Delaware, of One Michael Owens Way, Perrysburg, Ohio 43551-2999, U.S.A., is desirous of acquiring certain rights thereunder;

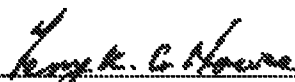
NOW, THEREFORE, for One Dollar (\$1.00) and other valuable considerations, receipt of all of which is hereby acknowledged, I have agreed to and do hereby sell, assign, and transfer unto said corporation my entire right, title, and interest in and throughout the United States of America (including its 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 8th day of July, 2011.


Terence K. G. Howse

STATE OF OHIO)
) ss:
COUNTY OF WOOD)

On this 8th day of July, 2011, before me, a Notary Public, personally appeared the above-named Terence K. G. Howse, 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.

SEAL


AMY M. BELL
Notary Public, State of Ohio
My Commission Expires May 12, 2015