

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Philip D. Perry</td> <td>04/29/2009</td> </tr> <tr> <td>C. Oscar Sung</td> <td>04/29/2009</td> </tr> <tr> <td>Dale A. Gaerke</td> <td>04/29/2009</td> </tr> </tbody> </table>		Name	Execution Date	Philip D. Perry	04/29/2009	C. Oscar Sung	04/29/2009	Dale A. Gaerke	04/29/2009		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Owens-Brockway Glass Container Inc.</td> </tr> <tr> <td>Street Address:</td> <td>One Michael Owens Way</td> </tr> <tr> <td>City:</td> <td>Perrysburg</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>43551</td> </tr> </table>		Name:	Owens-Brockway Glass Container Inc.	Street Address:	One Michael Owens Way	City:	Perrysburg	State/Country:	OHIO	Postal Code:	43551
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CORRESPONDENCE DATA											
<p>Fax Number: (567)336-8555</p> <p>Phone: 567-336-8699</p> <p>Email: robin.radde@o-i.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Susan L. Smith</p> <p>Address Line 1: One Michael Owens Way</p> <p>Address Line 2: Plaza Three</p> <p>Address Line 4: Perrysburg, OHIO 43551</p>											
ATTORNEY DOCKET NUMBER:	19040 USA01										
NAME OF SUBMITTER:	Susan L. Smith										
<p>Total Attachments: 3</p> <p>source=19040 USA01 Assignments#page1.tif</p> <p>source=19040 USA01 Assignments#page2.tif</p> <p>source=19040 USA01 Assignments#page3.tif</p>											

CH \$40.00 13450061

ASSIGNMENT

WHEREAS, I, **C. Oscar Sung**, of 8826 Linden Lake Road, Sylvania, Ohio 43560, U.S.A together with Philip D. Perry and Dale A. Gaerke have invented an improvement in a "System and Method for Controlling Temperature in a Forehearth".

WHEREAS, we, have executed an Application for United States Patent based thereon, on the 29 day of April, 2009; 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;

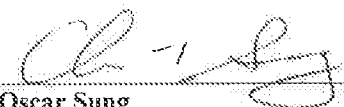
NOW, THEREFORE, for One Dollar (\$1.00) and other valuable considerations, receipt of all of which is hereby acknowledged, I have agreed to and do hereby sell, assign, and transfer unto said corporation my entire right, title, and interest in and throughout the United States of America (including its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

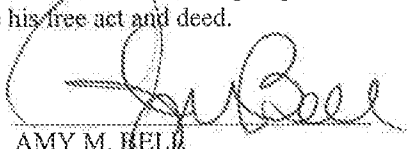
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 29 day of April, 2009.


C. Oscar Sung

STATE OF OHIO)
) ss:
COUNTY OF WOOD)

On this 29 day of April, 2009, before me, a Notary Public, personally appeared the above-named **C. Oscar Sung**, 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. HELD
Notary Public, State of Ohio
My Commission Expires May 12, 2010

ASSIGNMENT

WHEREAS, I, **Philip D. Perry**, of 25688 Normandy W., Perrysburg, Ohio 43551, U.S.A together with Dale A. Gaerke and C. Oscar Sung have invented an improvement in a "System and Method for Controlling Temperature in a Forehearth".

WHEREAS, we, have executed an Application for United States Patent based thereon, on the 21 day of April, 2009; 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;

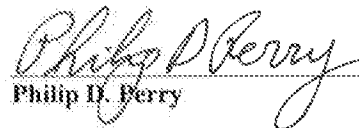
NOW, THEREFORE, for One Dollar (\$1.00) and other valuable considerations, receipt of all of which is hereby acknowledged, I have agreed to and do hereby sell, assign, and transfer unto said corporation my entire right, title, and interest in and throughout the United States of America (including its 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 21 day of April, 2009.


Philip D. Perry

STATE OF OHIO)
) ss:
COUNTY OF WOOD)

On this 21 day of April, 2009, before me, a Notary Public, personally appeared the above-named **Philip D. Perry**, 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, 2010

ASSIGNMENT

WHEREAS, I, **Dale A. Gaerke**, of 25300 Appaloosa Court, Perrysburg, Ohio 43551, U.S.A together with Philip D. Perry and C. Oscar Sung have invented an improvement in a "System and Method for Controlling Temperature in a Forehearth".

WHEREAS, we, have executed an Application for United States Patent based thereon, on the 29 day of April, 2009; 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;

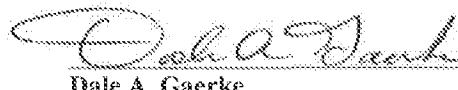
NOW, THEREFORE, for One Dollar (\$1.00) and other valuable considerations, receipt of all of which is hereby acknowledged, I have agreed to and do hereby sell, assign, and transfer unto said corporation my entire right, title, and interest in and throughout the United States of America (including its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

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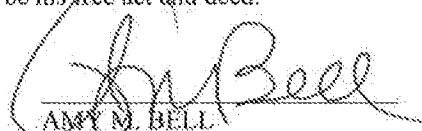


Dale A. Gaerke

STATE OF OHIO)
) ss:
COUNTY OF WOOD)

On this 29 day of April, 2009, before me, a Notary Public, personally appeared the above-named **Dale A. Gaerke**, 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, 2010

PATENT