

ASSIGNMENT

WHEREAS, I, **Steven Will**, of **Sylvania, Ohio**, hereinafter referred to as ASSIGNOR, am an inventor of subject matter described in a patent application entitled "**Melting Furnaces and Charging of Melting Furnaces**," which can be identified at the United States Patent & Trademark Office as Serial Number 17/861,993 having a filing date of July 11, 2022 ("Application"), and by this agreement ("Assignment") am transferring any and all of my rights related to the Application, as set forth below.

AND WHEREAS, **Owens-Brockway Glass Container Inc.**, hereinafter referred to as ASSIGNEE, a Delaware corporation having a place of business located at One Michael Owens Way, Perrysburg, Ohio 43551, is desirous of acquiring any and all ownership and property rights that have been or may in the future be acquired by Assignor related to the Application (hereafter collectively the "Patent Rights"), including the entire right, title, and interest in and to the Application and all patentable subject matter disclosed in the Application, of whatever scope, any priority applications which the Application claims priority to or the benefit of, and specifically the priority application(s) identified below, any related applications filed in the USA and any and all foreign countries that claim priority to or the benefit of the Application or any priority application(s) thereof, including but not limited to international patent applications filed under the Patent Cooperation Treaty, national applications, continuation, continuation-in-part, and divisional applications, along with the right to claim priority to the Application and/or the priority application(s) in the United States of America (USA) and all foreign countries under any and all International Conventions, any and all patents that may be granted on or as a result of the Application, any priority application(s), and any related applications in the USA and in any and all foreign countries, including but not limited to utility patents, design patents and registrations, utility model patents, and any reissue, reexamination, extension, and renewal patents, and all rights and claims for past infringements of any Patent Rights and all rights and claims for any damages related to past infringements of any Patent Rights.

Priority Application(s): _____ filed on: _____

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR, hereby sells, assigns, transfers, and conveys to ASSIGNEE, the entire right, title, and interest in and to the Patent Rights throughout the world, and also affirms any prior assignments in and to the Patent Rights. ASSIGNEE accepts this assignment.

ASSIGNOR authorizes ASSIGNEE to apply for and be granted patents in ASSIGNEE'S own name or through its successors, assigns, designees, legal representatives, subsidiaries, or related companies. ASSIGNOR further agrees to cooperate with and to assist ASSIGNEE in the filing and prosecution of the Patent Rights, and to perform any other acts as ASSIGNEE or its successors, assigns, designees, or legal representatives may deem necessary to secure to ASSIGNEE the rights and interests herein assigned and to acquire, hold, enforce, convey, and uphold any Patent Rights, and upon request, to execute all papers related to any Patent Rights. ASSIGNOR represents and warrants that ASSIGNOR has not granted any right, title, or interest that is inconsistent with the right, title and interest granted herein.

This Assignment is governed by and is to be construed in accordance with the laws of the State of Ohio, USA. ASSIGNOR agrees that the provisions of this Assignment are fully binding on ASSIGNOR and ASSIGNOR'S heirs, executors, assigns, and administrators. This Assignment may be executed in any number of counterparts, each of which will be deemed to be an original, and all of which taken together will constitute one and the same instrument. This Assignment may be executed by a scanned or digital signature and such signature shall constitute an original for all purposes. If any portion of this Assignment is held to be invalid, void, prohibited, or unenforceable, all other portions of this Assignment shall be considered severable and shall remain in full force and effect.

ASSIGNOR SIGNATURE: Steven M. Will
ASSIGNOR NAME: Steven Will

DATE: 3/20/2023

ACKNOWLEDGED AND AGREED TO BY ASSIGNEE:

ASSIGNEE SIGNATURE: Stephen L. Scharf
By: Stephen L. Scharf

DATE: March 20, 2023

Senior Legal Director, Intellectual Property
Assistant Secretary of Owens-Brockway Glass Container Inc.

ASSIGNMENT

WHEREAS, I, **Kirk Holmes**, of **Perrysburg, Ohio**, hereinafter referred to as ASSIGNOR, am an inventor of subject matter described in a patent application entitled "**Melting Furnaces and Charging of Melting Furnaces**," which can be identified at the United States Patent & Trademark Office as Serial Number 17/861,993 having a filing date of July 11, 2022 ("Application"), and by this agreement ("Assignment") am transferring any and all of my rights related to the Application, as set forth below.

AND WHEREAS, **Owens-Brockway Glass Container Inc.**, hereinafter referred to as ASSIGNEE, a Delaware corporation having a place of business located at One Michael Owens Way, Perrysburg, Ohio 43551, is desirous of acquiring any and all ownership and property rights that have been or may in the future be acquired by Assignor related to the Application (hereafter collectively the "Patent Rights"), including the entire right, title, and interest in and to the Application and all patentable subject matter disclosed in the Application, of whatever scope, any priority applications which the Application claims priority to or the benefit of, and specifically the priority application(s) identified below, any related applications filed in the USA and any and all foreign countries that claim priority to or the benefit of the Application or any priority application(s) thereof, including but not limited to international patent applications filed under the Patent Cooperation Treaty, national applications, continuation, continuation-in-part, and divisional applications, along with the right to claim priority to the Application and/or the priority application(s) in the United States of America (USA) and all foreign countries under any and all International Conventions, any and all patents that may be granted on or as a result of the Application, any priority application(s), and any related applications in the USA and in any and all foreign countries, including but not limited to utility patents, design patents and registrations, utility model patents, and any reissue, reexamination, extension, and renewal patents, and all rights and claims for past infringements of any Patent Rights and all rights and claims for any damages related to past infringements of any Patent Rights.

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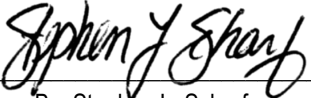
ASSIGNOR authorizes ASSIGNEE to apply for and be granted patents in ASSIGNEE'S own name or through its successors, assigns, designees, legal representatives, subsidiaries, or related companies. ASSIGNOR further agrees to cooperate with and to assist ASSIGNEE in the filing and prosecution of the Patent Rights, and to perform any other acts as ASSIGNEE or its successors, assigns, designees, or legal representatives may deem necessary to secure to ASSIGNEE the rights and interests herein assigned and to acquire, hold, enforce, convey, and uphold any Patent Rights, and upon request, to execute all papers related to any Patent Rights. ASSIGNOR represents and warrants that ASSIGNOR has not granted any right, title, or interest that is inconsistent with the right, title and interest granted herein.

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ASSIGNOR SIGNATURE: 
ASSIGNOR NAME: Kirk Holmes

DATE: March 22, 2023

ACKNOWLEDGED AND AGREED TO BY ASSIGNEE:

ASSIGNEE SIGNATURE: 
By: Stephen L. Scharf

DATE: March 20, 2023

Senior Legal Director, Intellectual Property
Assistant Secretary of Owens-Brockway Glass Container Inc.

ASSIGNMENT

WHEREAS, I, **Victor A. Plumbo II**, of **Ventnor City, New Jersey**, hereinafter referred to as ASSIGNOR, am an inventor of subject matter described in a patent application entitled "**Melting Furnaces and Charging of Melting Furnaces**," which can be identified at the United States Patent & Trademark Office as Serial Number 17/861,993 having a filing date of July 11, 2022 ("Application"), and by this agreement ("Assignment") am transferring any and all of my rights related to the Application, as set forth below.

AND WHEREAS, **Owens-Brockway Glass Container Inc.**, hereinafter referred to as ASSIGNEE, a Delaware corporation having a place of business located at One Michael Owens Way, Perrysburg, Ohio 43551, is desirous of acquiring any and all ownership and property rights related to the Application (hereafter "Patent Rights") that have been or may in the future be acquired by ASSIGNOR, including the entire right, title, and interest in and to the Application and all patentable subject matter disclosed in the Application, of whatever scope, any priority applications which the Application claims priority to or the benefit of, and specifically the priority application(s) identified below, any related applications filed in the USA and any and all foreign countries that claim priority to or the benefit of the Application or any priority application(s) thereof, including but not limited to international patent applications filed under the Patent Cooperation Treaty, national applications, continuation, continuation-in-part, and divisional applications, along with the right to claim priority to the Application and/or the priority application(s) in the United States of America (USA) and all foreign countries under any and all International Conventions, any and all patents that may be granted on or as a result of the Application, any priority application(s), and any related applications in the USA and in any and all foreign countries, including but not limited to utility patents, design patents and registrations, utility model patents, and any reissue, reexamination, extension, and renewal patents, and all rights and claims for past infringements of any Patent Rights and all rights and claims for any damages related to past infringements of any Patent Rights.

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ASSIGNOR authorizes ASSIGNEE to apply for and be granted patents in ASSIGNEE'S own name or through its successors, assigns, designees, legal representatives, subsidiaries, or related companies, and to receive correspondence related to the Patent Rights on its behalf. ASSIGNOR further agrees to cooperate with ASSIGNEE in the filing and prosecution of the Patent Rights, and to perform any other acts as ASSIGNEE or its successors, assigns, designees, or legal representatives may deem necessary to secure to ASSIGNEE the Patent Rights herein assigned and to acquire, hold, enforce, convey, and uphold any Patent Rights, and upon request, to execute all papers related to any Patent Rights. ASSIGNOR represents and warrants that ASSIGNOR has not granted any right, title, or interest that is inconsistent with the right, title and interest granted herein.

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ASSIGNOR SIGNATURE: _____

ASSIGNOR NAME: _____

Victor A. Plumbo II

DATE: _____

6/13/2023

ACKNOWLEDGED AND AGREED TO BY ASSIGNEE:

ASSIGNEE SIGNATURE: _____

By: Stephen L. Scharf

Senior Legal Director, Intellectual Property
Assistant Secretary of Owens-Brockway Glass Container Inc.

DATE: June 5, 2023

ASSIGNMENT

WHEREAS, I, **Karin Gabriela Bastarrachea**, of **St Kilda, Australia**, hereinafter referred to as ASSIGNOR, am an inventor of subject matter described in a patent application entitled "**Melting Furnaces and Charging of Melting Furnaces**," which can be identified at the United States Patent & Trademark Office as Serial Number 17/861,993 having a filing date of July 11, 2022 ("Application"), and by this agreement ("Assignment") am transferring any and all of my rights related to the Application, as set forth below.

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ASSIGNOR SIGNATURE: _____
ASSIGNOR NAME: Karin Gabriela Bastarrachea

DATE: 21 March 2023

ACKNOWLEDGED AND AGREED TO BY ASSIGNEE:

ASSIGNEE SIGNATURE: _____

DATE: March 20, 2023

By: Stephen L. Scharf
Senior Legal Director, Intellectual Property
Assistant Secretary of Owens-Brockway Glass Container Inc.