

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SULZER GTC TECHNOLOGY US INC.	12/17/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SULZER MANAGEMENT AG
<b>Street Address:</b>	NEUWIENSENSTRASSE 15
<b>City:</b>	WINTERTHUR
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	8401
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62701085
<b>Application Number:</b>	16516687
<b>PCT Number:</b>	US1942537
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)463-5001
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	3124635502
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<b>Correspondent Name:</b>	BANNER & WITCOFF, LTD
<b>Address Line 1:</b>	71 SOUTH WACKER DRIVE, SUITE 3600
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60606
<b>ATTORNEY DOCKET NUMBER:</b>	008711.00021
<b>NAME OF SUBMITTER:</b>	NATHALIE DESVERCHERE
<b>SIGNATURE:</b>	/Nathalie Desverchere/
<b>DATE SIGNED:</b>	01/27/2021
<b>Total Attachments: 2</b>	
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ASSIGNMENT

WHEREAS, SULZER GTC TECHNOLOGY US INC., ("ASSIGNOR"),

by virtue of Assignments recorded by the assignment division of the United States Patent and Trademark Office (A) in U.S. Provisional Application Serial No. 62/701,085, filed July 20, 2018, at (i) Reel/Frame 049531/0824 and (ii) Reel/Frame 050128/0020 and (B) in U.S. Utility Application Serial No. 16/516,687, filed July 19, 2019 (published as US 2020/0024216) at (i) Reel/Frame 049836/0126 and (ii) Reel/Frame 050128/0034,

owns rights in certain new and useful improvements described in the above-identified U.S. Provisional Application and U.S. Utility Application, both of which are further identified by having the title:

INTEGRATED PROCESSES FOR PARA-XYLENE PRODUCTION

said new and useful improvements being further described in International Application PCT/US2019/042537, filed July 19, 2019 (published as WO 2020/018875), which claims priority to the above-identified U.S. Provisional Application,

the above-identified U.S. Provisional Application, U.S. Utility Application, and International Application being referred to hereinafter as "Applications."

and WHEREAS

**SULZER MANAGEMENT AG**  
Neuwiesenstrasse 15  
8401 Winterthur  
SWITZERLAND

("ASSIGNEE"), desires to acquire an undivided interest in the entirety of said Applications, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

ASSIGNOR hereby assigns, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES), its undivided interest in the entirety of said Applications, inventions and improvements thereon throughout the world and of all patents, petty patents and utility model patents which may be granted therefor, and of all continuations, continuations-in-part, divisions, reissues, extensions, renewals, reexaminations, and post-grant reviews thereof (LETTERS PATENT).

And ASSIGNOR covenants that ASSIGNOR has the full right to convey its undivided interest herein assigned, and that ASSIGNOR has not executed and will not execute any agreement or do anything in conflict herewith;

And ASSIGNOR further covenants and agrees that ASSIGNOR will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said Applications, inventions and improvements thereon, and to LETTERS PATENT in ASSIGNEE or its NOMINEES, and ASSIGNOR agrees to communicate to ASSIGNEE or its NOMINEES all known facts respecting said Applications, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said Applications, inventions and improvements in any and all countries, all at the expense, however, of ASSIGNEE or its NOMINEES;

And ASSIGNOR authorizes ASSIGNEE or its NOMINEES to file in ASSIGNOR'S name or in the name of ASSIGNEE or its NOMINEES, as appropriate, application for LETTERS PATENT in any and all countries of the world, and ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said Applications, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted.

ASSIGNOR accepts the terms and conditions of the ASSIGNMENT:

December 17, 2020  
Date

[Signature]  
Title: President  
SULZER GTC TECHNOLOGY US INC.

ASSIGNEE accepts the terms and conditions of the ASSIGNMENT:

December 21, 2020  
Date

[Signature]      [Signature]  
Mare Wehrli      Holger Ruckstuhl  
Title: Head R&D and IP      Head Group Controlling  
Management      and Tax  
SULZER MANAGEMENT AG

Note: No legalization or other witness required.