PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	07/06/2023	

CONVEYING PARTY DATA

Name	Execution Date
SCHOTT PHARMA AG & CO. KGAA	09/20/2023

RECEIVING PARTY DATA

Name:	SCHOTT PHARMA AG & CO. KGAA		
Street Address:	HATTENBERGSTRASSE 10		
City:	MAINZ		
State/Country:	GERMANY		
Postal Code:	55122		
Name:	SCHOTT PHARMA SCHWEIZ AG		
Street Address:	ST. JOSEFEN-STRASSE 20		
City:	ST. GALLEN		
State/Country:	SWITZERLAND		
Postal Code:	9000		

PROPERTY NUMBERS Total: 7

Property Type	Number
Application Number:	16938271
Application Number:	17191578
Application Number:	16991104
Application Number:	18174628
Patent Number:	11292744
Patent Number:	10675407
Patent Number:	9295781

CORRESPONDENCE DATA

Fax Number: (203)293-9059

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PATENT

REEL: 064978 FRAME: 0962

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ATTORNEY DOCKET NUMBER:		0013511USX/4149	
NAME OF SUBMITTER:		EDWARD L. MCMAHON	
SIGNATURE:		/Edward L. McMahon/	
DATE SIGNED:		09/21/2023	

Total Attachments: 3

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> PATENT REEL: 064978 FRAME: 0963

CORPORATE ASSIGNMENT

WHEREAS, **SCHOTT PHARMA AG & CO. KGAA**, a German corporation, with its principal place of business at Hattenbergstrasse 10, Mainz, Germany, 55122 (hereinafter referred to as "Assignor"), is the owner of inventions pertaining to the inventions as fully described in attached Schedule A (hereinafter referred to as "the Patents and Patent Applications"); and

WHEREAS, SCHOTT PHARMA AG & CO. KGAA, a German corporation, with its principal place of business at Hattenbergstrasse 10, Mainz, Germany, 55122, and SCHOTT PHARMA SCHWEIZ AG, a Switzerland corporation, with its principal place of business at St. Josefen-Strasse 20, St. Gallen, Switzerland, 9000 (hereinafter referred to as "Assignees"), wish to acquire the entire right, title, and interest in and to the Patents and Patent Applications owned by Assignor and any renewals, continuations, continuation-in-parts, divisions, reissues, reexaminations, and other rights based on the Patents and Patent Applications;

NOW THEREFORE, for valuable and legally sufficient considerations, receipt of which are hereby acknowledged, the Assignor sells, assigns, and transfers to Assignees, their successors and assigns, the entire right, title, and interest for the United States in and to the inventions and the Patents and Patent Applications for the full term of any Letters Patents which issue therefrom;

The Assignor further agrees, for itself and its legal representatives, it will assist or direct the inventors to assist Assignees in the prosecution before the United States Patent Office and the Federal Courts of these Patents and Patent Applications including renewals, continuations, continuation-in-parts, divisions, reissues, reexaminations, and other rights based on the Patents and Patent Applications, that the Assignees elect to make covering the inventions. The Assignor vests in Assignees like exclusive title in and to all such other applications and Letters Patents and all rights to sue for past infringement and ability to sue in the future. The Assignor will execute or direct the inventors to execute and deliver to Assignees any documents which may be requested by Assignees to carry out the terms of this Assignment; and

The Commissioner of Patents and Trademarks of the United States is authorized and requested to issue the Letters Patents of the United States to Assignees.

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IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed by its duly authorized officer effective as of the 6th day of July, 2023.

ASSIGNOR

Date: September Jb, 2023

Name: Dr. Thomas Krohe / Thomas Strasser

SCHOTT PHARMA AG & CO. KGAA

Title: Head of Legal & Compliance / Head of HR

ASSIGNEE 1

SCHOTT PHARMA AG & CO. KGAA

Date: Spolanber John, 2023

Name: Dr. Thomas Krohe / Thomas Strasser

Title: Head of Legal & Compliance / Head of HR

ASSIGNEE 2

Date: <u>Sept ///</u>, 2023

SCHOTT PHARMA SCHWEIZ AG

Name: Philipp Amstutz / Christian Kehl

Title: Head of Global Operations BS DDS /

Shared Services Accounting St. Gallen

U.S. Patent Applications

Appln, No./ Patent No.	Filing Date/ Issue Date	Inventor(s)	<u>Title</u>
16/938,271	July 24, 2020	Diego STUDERUS Oliver FRUHNER Andreas GROH	HOT FORMING DEVICE FOR PRODUCING GLASS CONTAINERS FROM A GLASS TUBE
17/191,578	March 3, 2021	Xaver Jud Roman Oberhänsli Hanspeter Kummer	INSTALLATION, DEVICE, AND METHOD FOR SHAPING THE MOUTH OF A HOLLOW-BODY-SHAPED PRECURSOR FROM GLASS
16/991,104	August 12, 2020	Roman Oberhänsli Ivo Andreoli Martha Strassmann Andreas Langsdorf Peter Thomas	GLASS SYRINGE BARRELS WITH INCREASED CONE BREAKING FORCES
18/174,628	February 26, 2023	Roman Oberhänsli Ivo Andreoli Martha Strassmann Andreas Langsdorf Peter Thomas	GLASS SYRINGE BARRELS WITH INCREASED CONE BREAKING FORCES
11,292,744	April 5, 2022	Alexander GLACKI Inka HENZE	METHOD FOR PRODUCING A GLASS ARTICLE
10,675,407	June 9, 2020	Joerg Witte Xaver Jud Alexander Humbertjear	TUNGSTEN CONTAINING FORMING MANDREL FOR GLASS FORMING
9,295,781	March 29, 2016	Friedrich SIEBERS Inka HENZE Juergen THUERK	BOROSILICATE GLASS SYRINGE WITH CONE THAT INCREASES SURFACE ROUGHNESS