

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7522348

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MICHAEL D. BRANDT	01/08/2020
RECEIVING PARTY DATA		
Name:	ASAHI KASEI BIOPROCESS AMERICA, INC.	
Street Address:	1855 ELMDALE AVENUE	
City:	GLENVIEW	
State/Country:	ILLINOIS	
Postal Code:	60026	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16727735
CORRESPONDENCE DATA		
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<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>		
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Correspondent Name:	MARSHALL, GERSTEIN & BORUN LLP	
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ATTORNEY DOCKET NUMBER:	32879/54461	
NAME OF SUBMITTER:	RYAN J. SCHERMERHORN	
SIGNATURE:	/Ryan J. Schermerhorn/	
DATE SIGNED:	09/06/2022	
Total Attachments: 4		
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MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, 6300 Willis Tower, Chicago, Illinois 60606-6357

ASSIGNMENT

Appl. No.: 16/727,735

Filed: December 26, 2019

Title: SCALEABLE INLINE BUFFER DILUTION SCHEME

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, Michael D. Brandt ("Assignor") agrees to assign and hereby does assign to ASAHI KASEI BIOPROCESS AMERICA, INC. 1855 Elmdale Avenue, Glenview, Illinois 60026 ("Assignee") all rights, title, and interests in and to the inventions that are disclosed in the application listed above (the "Application") including, but without limitation, all rights:

- (i) in and to the Application and all other applications anywhere in the world that have been or may be filed on said inventions and/or naming Assignor as an inventor of said inventions,
- (ii) in and to any and all applications claiming priority benefit of the applications listed above, including all continuations, divisionals, and continuations-in-part,
- (iii) in and to all patents issuing on any of the foregoing,
- (iv) in and to all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates, and/or extensions of any of the foregoing,
- (v) to bring suit, the right to claim and retain all damages and/or seek other remedies for the past, present, and future infringement and/or misappropriation of any of the foregoing, and
- (vi) of priority including, but without limitation, the right to claim priority benefit of or to the Application and all of the foregoing.

Assignor requests the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of Assignee or its designee. Assignor authorizes the attorneys of record in the application to insert in this assignment the filing date and application number of the Application when officially known. Assignor:

(a) declares: (1) The application was made or authorized to be made by me, (2) I believe myself, as a named inventor, to be the original inventor or an original joint inventor of a claimed invention in the Application and I understand that any willful false statement made by me in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both;

(b) warrants except in favor of Assignee: (1) Assignor is the owner of all its rights, title and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (2) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, title and interests herein assigned; and

(c) agrees to execute, upon the request of Assignee or its designee at no expense to Assignor, all applications or documents related to the inventions including, but without limitation, any oath, declaration, or affidavit relating thereto that Assignee may deem necessary or expedient, and to fully cooperate with Assignee and/or its designee to perform all affirmative acts requested to prepare, file, prosecute, maintain, defend, enforce, and vest in Assignee the rights, title, and interests assigned herein whereby said rights, title and interests will be held and enjoyed by Assignee or its designee to the full end of the term for which the intellectual property rights herein may be available as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment had not been made.

WITNESS my hand this

08 day of JANUARY, 2020.

State of Illinois
County of Cook

Michael D. Brandt
Michael D. Brandt

On this 08th day of January, 2020, before me, a
Notary Public in and for the County and State aforesaid, appeared
Michael D. Brandt, known to me personally or proved
to me on the basis of satisfactory evidence to be the same person/persons whose name is/are
subscribed to the foregoing instrument and acknowledged that he/she executed said instrument as
his/her free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

September 08, 2021

Sarah A. Genis
Notary Public



On behalf of Assignee,

Name

Title

hereby confirms Assignee's acceptance of all rights, privileges, title and interests conveyed by this assignment.

Signature

Date

United States of America)

State of Illinois) ss.:

County of Cook)

On this 08th day of January, 2020, before me personally came Christopher Nordhoff, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public



32879/54461/US