

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4859373

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHRISTOPHER D. BRAU	03/15/2013
NEPHI D. JONES	03/15/2013
BENJAMIN R. MADSEN	03/15/2013
MICHAEL E. GOODWIN	03/15/2013
RECEIVING PARTY DATA	
Name:	HYCLONE LABORATORIES, INC.
Street Address:	925 WEST 1800 SOUTH
City:	LOGAN
State/Country:	UTAH
Postal Code:	84321
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15916635
CORRESPONDENCE DATA	
Fax Number:	(801)328-1707
<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>	
Phone:	801.533.9800
Email:	dwilson@wnlaw.com
Correspondent Name:	WORKMAN NYDEGGER/LIFE TECHNOLOGIES CORPO
Address Line 1:	60 EAST SOUTH TEMPLE, SUITE 1000
Address Line 4:	SALT LAKE CITY, UTAH 84111
ATTORNEY DOCKET NUMBER:	11398.165A.3.1.1 INV
NAME OF SUBMITTER:	DANA L. TANGREN
SIGNATURE:	/dana l. tangren/
DATE SIGNED:	03/09/2018
Total Attachments: 3	
source=11398-165a-3-1-1-assignment-inventors#page1.tif	
source=11398-165a-3-1-1-assignment-inventors#page2.tif	
source=11398-165a-3-1-1-assignment-inventors#page3.tif	

Workman | Nydegger
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

PCT PATENT APPLICATION
Docket No: 11398.165a

Form P4

ASSIGNMENT

We the under signed, hereinafter collectively referred to as "Assignor," are the inventors of an invention entitled METHODS AND APPARATUS FOR GAS STREAM MASS TRANSFER WITH A LIQUID. Preferred embodiments of said invention are disclosed in:

[X] PCT International Application No. PCT/US2013/032528, filed 3/15/2013.

Assignor hereby authorizes the patent attorneys and/or patent agents of Workman Nydegger to insert the above Application No. and filing date when known.

The Assignee, HYCLONE LABORATORIES, INC., a corporation of the state of Utah, having a principal place of business at 925 West 1800 South, Logan, Utah 84321, desires to secure the entire right, title and interest in said invention and the patent application filed thereon.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledge,

ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title and interest in said invention and in the above-identified International application and in all nationalizations thereof and in all divisions, continuations and continuations-in-part of said nationalizations, and in all patents issuing thereon in the United States and foreign countries and in all reissues or extensions of Letters Patent or Patents granted thereon,

The right to file United States and foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

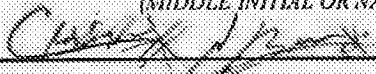
Assignor hereby agrees, without further consideration, to sign all lawful papers and to perform all other lawful acts which the Assignee may request Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, continuation, continuation-in-part, substitute, reissue, and other United States applications and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

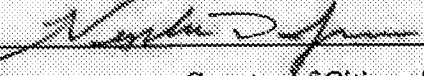
With regard to the above-identified application and applications claiming priority thereto, cooperate to the best of Assignor's ability in: (1) proceedings relating to nullification, reissue, extension, post grant, inter parties, derivation, supplemental examination, and infringement; (2) execution of all lawful documents; and (3) the production of evidence.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

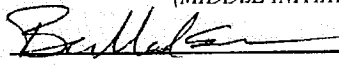
Full name of sole or first inventor

Christopher D. Brau
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)
Inventor's signature 
Date 15 Mar 2013 Country of Citizenship United States
Address Logan, Utah

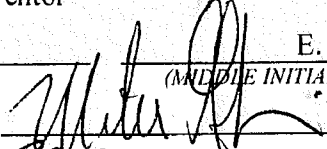
Full name of second inventor

Nephi D. Jones
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)
Inventor's signature 
Date 15 MAR 2013 Country of Citizenship United States
Address Newton, Utah

Full name of third inventor

Benjamin R. Madsen
(GIVEN NAME) *(MIDDLE INITIAL OR NAME)* *FAMILY (OR LAST NAME)*
Inventor's signature 
Date 15 Mar 2013 Country of Citizenship United States
Address Nibley, Utah

Full name of third inventor

Michael E. Goodwin
(GIVEN NAME) *(MIDDLE INITIAL OR NAME)* *FAMILY (OR LAST NAME)*
Inventor's signature 
Date 15 March 2013 Country of Citizenship United States
Address Logan, Utah

4057718_1.doc