

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>ALLAN LIHME</td> <td>11/11/2009</td> </tr> <tr> <td>RENE OEHLenschLAGER HOLTE</td> <td>11/18/2009</td> </tr> <tr> <td>KURT HAUGE JENSEN</td> <td>11/25/2009</td> </tr> <tr> <td>TONY CHRISTENSEN</td> <td>11/18/2009</td> </tr> </tbody> </table>		Name	Execution Date	ALLAN LIHME	11/11/2009	RENE OEHLenschLAGER HOLTE	11/18/2009	KURT HAUGE JENSEN	11/25/2009	TONY CHRISTENSEN	11/18/2009
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>UPFRONT CHROMATOGRAPHY A/S</td> </tr> <tr> <td>Street Address:</td> <td>LERSO PARKALLE 42</td> </tr> <tr> <td>City:</td> <td>COPENHAGEN O</td> </tr> <tr> <td>State/Country:</td> <td>DENMARK</td> </tr> <tr> <td>Postal Code:</td> <td>DK-2100</td> </tr> </table>		Name:	UPFRONT CHROMATOGRAPHY A/S	Street Address:	LERSO PARKALLE 42	City:	COPENHAGEN O	State/Country:	DENMARK	Postal Code:	DK-2100
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CORRESPONDENCE DATA											
<p>Fax Number: (202)672-5399</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2026725300</p> <p>Email: BBEAVERS@FOLEY.COM</p> <p>Correspondent Name: STEPHEN A. BENT</p> <p>Address Line 1: FOLEY AND LARDNER LLP SUITE 500</p> <p>Address Line 2: 3000 K STREET NW</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20007</p>											
ATTORNEY DOCKET NUMBER:	082302-0110										
NAME OF SUBMITTER:	STEPHEN A. BENT										
Total Attachments: 3											

OP \$40.00 12532806

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PATENT
REEL: 023683 FRAME: 0841

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

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(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this Invention relating to

EXPANDED BED COLUMN AND DISPOSABLE CHROMATOGRAPHY

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith,
 ☐ executed on _____,
 ☒ Serial No. 12/532,806 Filed 03/28/2008

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

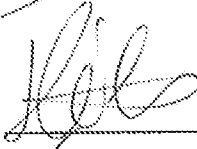
ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAME AND SIGNATURE OF INVENTOR

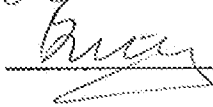
NAME: ALLAN LIHME SIGNATURE: 

DATE: Nov. 11, 2009

NAME AND SIGNATURE OF WITNESSES

NAME: Hennrik Mikkelsen SIGNATURE: 

DATE: 26/11-09

NAME: Kirsten Lindved SIGNATURE: 

DATE: 26/11-2009

NAME AND SIGNATURE OF INVENTOR

NAME: RENÉ OEHLenschLÄGER HOLTE

SIGNATURE:

18.11.2009
[Signature]

DATE:

NAME AND SIGNATURE OF WITNESSES

NAME: *JINA KRISTENSEN* SIGNATURE:

[Signature]

DATE:

18.11.09

NAME: *Anders Grønland* SIGNATURE:

[Signature]

DATE:

2009.11.18

NAME AND SIGNATURE OF INVENTOR

NAME: KURT HAUGE JENSEN SIGNATURE:

[Signature]

DATE:

2009.11.25

NAME AND SIGNATURE OF WITNESSES

NAME: *Rene B. Holte* SIGNATURE:

[Signature]

DATE:

15.11.2009

NAME: *Britta Holager* SIGNATURE:

[Signature]

DATE:

25.11.2009

NAME AND SIGNATURE OF INVENTOR

NAME: TONY CHRISTENSEN SIGNATURE:

[Signature]

DATE:

2009.11.18

NAME AND SIGNATURE OF WITNESSES

NAME: *Rene B. Holte* SIGNATURE:

[Signature]

DATE:

18.11.2009

NAME: *Anders Grønland* SIGNATURE:

[Signature]

DATE:

2009.11.18

Note: *Prima facie* evidence of execution may optionally be obtained by execution before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.