Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the To correct the Patent Assignment Abstract of Title in PAIR that shows Application No. 10/492,495 being Assigned to 10/493,495 previously recorded on Reel 016311 Frame 0288. Assignor(s) hereby confirms the See the attached .pdf Please expunge the incorrect information from PAIR	

CONVEYING PARTY DATA

Name	Execution Date
Michael John Dempsey	09/17/2004

RECEIVING PARTY DATA

Name:	Advanced Bioprocess Development Limited
Street Address:	Oxford Road
Internal Address:	The Campus Ventures Centre
City:	Manchester
State/Country:	UNITED KINGDOM
Postal Code:	M13 9PL

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10492495

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ATTORNEY DOCKET NUMBER: 046812/276836

Donald M. Hill, Jr. - Reg. No. 40,646 NAME OF SUBMITTER:

PATENT

500779662 **REEL: 022247 FRAME: 0962**

Total Attachments: 6
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PATENT REEL: 022247 FRAME: 0963

08/28/2006 700284052

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the Patent and Trademark Office:	Attorney Dkt. No.: 046812/276836
Please record the attached documents or the new address(es) belo	2. Name and address of receiving party(ies):
Name of conveying party(ies): Michael John Dempsey	Advanced Bioprocess Development Limited The Campus Ventures Centre Oxford Road Manchester M13 9PL Great Britain (UK)
Additional name(s) of conveying pany(tes) anached? Yes 🗌 No 🔀	
3. Nature of conveyance/ Execution Date(s):	Additional name(s) & address(es) attached? Yes 🔲 No 🗵
Execution Date(s) 09/17/2004	Production narrow, as a service, production of the service of the
Security Agreement Change of Name	
I Joint Research Agreement	
Overnment Interest Assignment	
Executive Order 9424, Confirmatory License	
Other	
 Application or patent number(s): A. Patent Application No.(s) 10/492,495; Filed Septen This document is being filed together with a new a 	application. Additional numbers attached? Yes 🔲 No 🖂
 Name and address of party to whom correspondence concerning document should be mailed: 	 Total number of applications and patents involved:
ALSTON & BIRD LLP Bank of America Plaza 101 South Tryon Street, Suite 4000 Charlotte, NC 28280-4000	
CIEMPINE FIRE STATES 1999	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Enclosed Authorized to be charged to deposit account None required (government interest not affecting title)
	8. Deposit account number: 16-0605
	USE THIS SPACE
Statement and signature: To the heat of my knowledge and belief, copy of the chieffed document. Name of Person Signing: Donald M. Hill; It. Reg. No. 40,646	the foregoing information is true and correct and any attached copy is a true 8/2-8/06 Date Total number of pages including cover sheet, attachments, and documents:
USPTO Fax Number for New Assignments (571) 273-0140	
LEGAL02/3(063262v)	

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Advanced Bioprocess Development Limited
The Campus Ventures Centre
Oxford Road
Manchester M13 9PL
Great Britain (UK)

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in "IMPROVEMENTS IN AND RELATING TO FLUID BED EXPANION AND FLUIDSATION"

as set forth in this United States Patent Application

	executed concurrently herewith
	executed on
\boxtimes	Application No. <u>10/492,495</u> ; filed
	Application claims priority from Application No. PCT/GB02/04640, filed October 9,
	2002, all applications listed above being hereinafter referred to as the "application(s)";

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs,

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models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

September 17th, 2004 Date Michael John Dempsey

WITNESSES:

(Typed Name of Witness) SARAH FARRAR

< Julie Smikh

(Typed Name of Witness) JULIE SMITH

Attorney Docket No. 046812/276836 CLT01/4664744v1

RECORDED: 02/12/2009