503385493 07/09/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3432117

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SARAH BURROUGHS	06/29/2015
PAUL MCGARR	06/26/2015
SUZANNE ARMITSTEAD	06/24/2015
JAY S. TEICH	06/22/2015
JASON DELL'ARCIPRETE	06/22/2015

RECEIVING PARTY DATA

Name:	SEAHORSE BIOSCIENCE
Street Address:	16 ESQUIRE ROAD
City:	BILLERICA
State/Country:	MASSACHUSETTS
Postal Code:	01862

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14728790

CORRESPONDENCE DATA

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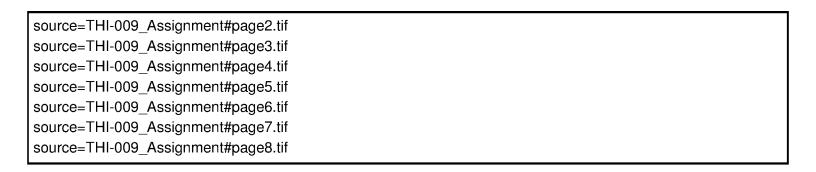
ATTORNEY DOCKET NUMBER:	THI-009
NAME OF SUBMITTER:	NATASHA C. US
SIGNATURE:	/Natasha C. Us/
DATE SIGNED:	07/09/2015

Total Attachments: 8

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PATENT REEL: 036047 FRAME: 0829

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Sarah Burroughs; Paul McGarr; Suzanne Armitstead; Jay S. Teich; and Jason Dell'Arciprete (hereinafter referred to as Assignors), residing at 187 Auburndale Avenue, Auburndale, Massachusetts 02466; 54 Eastland Road, Longmeadow, Massachusetts 01106; 85 Buttonwood Road, Bedford, New Hampshire 03110; 220 Sawyer Hill Road, Berlin, Massachusetts 01503; and 20 Gov. Hutchinson Road, Billerica, Massachusetts 01821, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SINGLE COLUMN MICROPLATE SYSTEM AND CARRIER FOR ANALYSIS OF BIOLOGICAL SAMPLES, set forth in a Patent application for Letters Patent of the United States, already filed on June 2, 2015 as U.S. Application No. 14/728,790; and

WHEREAS, Seahorse Bioscience, a corporation, having its principal place of business at 16 Esquire Road, Billerica, Massachusetts 01862 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect non-provisionals, divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully

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and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

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with the rules of the United States Patent and Trademark Office for recordation of this document:

GOODWIN PROCTER LLP

All practitioners at Customer Number 051414

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

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Such Element

Date: June	29,2015	
United States of Am	erica)	
State of	Massachusetts) ss.:	
County of	middlesex)	
On this 29	day of June	, 2015 , before me
personally came	Sarah Burroughs	, to me known to be the individual
described in and wh	o executed the foregoing instru	ment, and acknowledged execution
of the same.		tamilas Michaud
	Ì	Votary Public

6-26-15 Date:

United States of America

State of Massachusetts ss.:

County of Hampden

On this 26th day of June, before me personally came Paul McGarr, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution

of the same.

KAREN M. BRISBOIS Notary Public, Commonwealth of Massachusetts My Commission Expires May 04, 2018

		Suzanne Armitstead
Date: Tyne ?	24,2015	
United States of Ame	i i i i i i i i i i i i i i i i i i i	
State of		
County of	middleszx)	
On this 24	day of June	, 2015, before me
personally came	Suzanne Armitstead	, to me known to be the individual
described in and who	executed the foregoing instru	ment, and acknowledged execution
of the same.	· ·	tanda Wihand
	1	Votary Public

	/ Jay S. Teich
Date: June 22, 2015	
United States of America State of Massachusetts) ss.: County of Maddlesex	
On this 22 day of June personally came Jay S. Teich described in and who executed the foregoing instrum of the same.	, 2015, before me, to me known to be the individual ment, and acknowledged execution otary Public

				and the second s
		/	Jason Dell'A	Arciprete
Date: June	- 22, 2015	/		
United States of Ame	rica)			
State of	mas Sachusets)	\$8.7		
County of	middlesex)			
On this 22	_day of <u>June</u>	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2015	
personally came	Jason Dell'Arcipre	te, to	me known to	be the individual
described in and who	executed the foregoing in	strument, and a	icknowledged	d execution
of the same.		Hai	als S	Michan
		Notary Pub	lic	

RECORDED: 07/09/2015