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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4097509

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER S. ROPER	02/12/2013
KEVIN J. MALONEY	02/12/2013

RECEIVING PARTY DATA

Name:	HRL LABORATORIES, LLC
Street Address:	3011 MALIBU CANYON ROAD
City:	MALIBU
State/Country:	CALIFORNIA
Postal Code:	90265

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15230241

CORRESPONDENCE DATA

Fax Number: (626)577-8800

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.

Phone: 626-795-9900 Email: pto@Irrc.com

Correspondent Name: LEWIS ROCA ROTHGERBER CHRISTIE LLP

Address Line 1: PO BOX 29001

Address Line 4: GLENDALE, CALIFORNIA 91209

ATTORNEY DOCKET NUMBER:	126304/PCH/IB	
NAME OF SUBMITTER:	INNA BELOGORTSEVA	
SIGNATURE:	/Inna Belogortseva/	
DATE SIGNED:	10/14/2016	

Total Attachments: 6

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> **PATENT** REEL: 040017 FRAME: 0607

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PATENT REEL: 040017 FRAME: 0608

PATENT INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION Title of Invention: HOLLOW POROUS MATERIALS WITH ARCHITECTED FLUID INTERFACES FOR REDUCED OVERALL PRESSURE LOSS 70412/H611 Docket No.: INVENTOR'S DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to the attached application unless the following is checked: United States Application or PCT International Application Number The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application. I have reviewed and understand the contents of the above-identified application, including the claims. I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both. ASSIGNMENT In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, (1) Christopher S. Roper and Kevin J. Maloney HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO (2) HRL LABORATORIES, LLC having a place of business at

1 of 3

Docket No. 70412/H611
(3) 3011 Malibu Canyon Road, Malibu, California 90265 (hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all
improvements which are disclosed in the application for United States Letters Patent entitled
(4) HOLLOW POROUS MATERIALS WITH ARCHITECTED FLUID INTERFACES FOR REDUCED OVERALL PRESSURE LOSS
which application executed on even date herewith or was (a) executed on (5a): (b) filed on (5b): (CHRISTIE, PARKER & HALE, LLP, P.O. Box 29001, Glendale, CA 91209-9001) is hereby authorized to insert in (b) the specified data,
(b) filed on (5b): , when known. Application No.: ;
including any and all United States Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents, and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements. It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said ASSIGNEE, its assigns or its successors in interest or its designee.
Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said ASSIGNEE, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining patent protection as provided herein.
Kevin J. Maloney Legal Name of Inventor February 12, 2013 Date
16
Signature

Docket No. 70412/H611

WITNESSES:

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WITNESSES:

Name: HIVL

3 of 3

PATENT

Title of Invention: HOLLOW POROUS MATERIALS WITH ARCHITECTED FLUID

INTERFACES FOR REDUCED OVERALL PRESSURE LOSS

Docket No.:

70412/H611

INVENTOR'S DECLARATION

As a below named inventor, I hereby declare that:	
This declaration is directed to the attached application unless the following	is checked:
United States Application or PCT International Application Number filed on	

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Christopher S. Roper and Kevin J. Maloney

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) HRL LABORATORIES, LLC

having a place of business at

1 of 3

Docket No. 70412/H611	
(3) 3011 Malibu Canyon Road, Malibu, California 90265	
(hereinafter called "ASSIGNEE") the entire right, title an improvements which are disclosed in the application for Unite	nd interest in and to any and all ed States Letters Patent entitled
(4) <u>HOLLOW POROUS MATERIALS WITH ARCHITEC</u> REDUCED OVERALL PRESSURE LOSS	TED FLUID INTERFACES FOR
which application executed on even date	
	PARKER & HALE, LLP, P.O. Box
	dale, CA 91209-9001) is hereby insert in (b) the specified data,
(b) filed on (5b):, when known	
Application No.:;	
including any and all United States Patents which may be grand all extensions, divisions, reissues, substitutes, renewals of and patents, and the right to all benefits under all international industrial property and applications for said improvements. It is hereby authorized and requested that the Commissioner of Letters Patent, when granted, to said ASSIGNEE, its assigns designee.	or continuations of said application all conventions for the protection of the protection of the Patents issue any and all of said
Upon said consideration, it is further agreed that, when reque expense of said ASSIGNEE, the undersigned will execute all renewal, and reissue patent applications; execute all rightfu everything possible which said ASSIGNEE shall consider de maintaining patent protection as provided herein.	divisional, continuing, substitute, of other papers; and generally do
	2/12/2013
Christopher S. Roper	2/12/2013
Legal Name of Inventor Da	te
Signature	

Docket No. 70412/H611

WITNESSES:

Name: VI TI Ffany DosKeis

WITNESSES

Name: Murie Stin

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3 of 3

PATENT REEL: 040017 FRAME: 0614