# 504750071 01/26/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4796799

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
KEERTI S. KONA	01/15/2018
LOGAN D. SORENSON	01/12/2018
RAVIV PERAHIA	01/12/2018
HUNG NGUYEN	01/15/2018
DAVID CHANG	01/12/2018

# **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:	15881700

# **CORRESPONDENCE DATA**

**Fax Number:** (310)943-2736

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:** 310-589-8158

**Email:** officeactions@topemckay.com **Correspondent Name:** TOPE-MCKAY & ASSOCIATES

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ATTORNEY DOCKET NUMBER:	HRL547
NAME OF SUBMITTER:	RACHEL HERRERA
SIGNATURE:	/Rachel Herrera/
DATE SIGNED:	01/26/2018

**Total Attachments: 5** 

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PATENT REEL: 044749 FRAME: 0479

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Invention Title: SYSTEM FOR DETERMINATION OF MEASURED DEPTH (MD) IN WELLBORES

FROM DOWNHOLE PRESSURE SENSORS USING TIME OF ARRIVAL TECHNIQUES

#### ASSIGNMENT

WHEREAS, I, Keerti S. Kona of 22836 Styles Street, Woodland Hills, CA 91367, United States of America, (hereinafter "Assignor") have invented certain new and useful improvements in SYSTEM FOR DETERMINATION OF MEASURED DEPTH (MD) IN WELLBORES FROM DOWNHOLE PRESSURE SENSORS USING TIME OF ARRIVAL TECHNIQUES (hereinafter "Invention") for which a United States provisional patent application was filed on March 27, 2017, Application Serial No. 62/477,344, and for which a United States utility patent application is being filed.

#### AND

WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries and jurisdictions in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof I hereby acknowledge, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries and jurisdictions, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, patents, designs, utility models, and inventor certificates which may be granted therefor in the United States of America and its territorial possessions and in all foreign countries and jurisdictions. I hereby authorize and request the U.S. Patent and Trademark Office and the equivalent offices of foreign countries and jurisdictions, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit, for the full extent of the term for which United States and foreign patents and the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefor, and at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing, or reexamining United States and foreign patents or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights therein, particularly in cases of interference, conflict, opposition, and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this day of	2018,	
at HRL ladors	(city) Mahdon	Kokenta
		(Signature)

Invention Title: SYSTEM FOR DETERMINATION OF MEASURED DEPTH (MD) IN WELLBORES

FROM DOWNHOLE PRESSURE SENSORS USING TIME OF ARRIVAL TECHNIQUES

#### ASSIGNMENT

WHEREAS, I, Logan D. Sorenson of 1653 Alderwood PI, Thousand Oaks, CA 91362, United States of America, (hereinafter "Assignor") have invented certain new and useful improvements in SYSTEM FOR DETERMINATION OF MEASURED DEPTH (MD) IN WELLBORES FROM DOWNHOLE PRESSURE SENSORS USING TIME OF ARRIVAL TECHNIQUES (hereinafter "Invention") for which a United States provisional patent application was filed on March 27, 2017, Application Serial No. 62/477,344, and for which a United States utility patent application is being filed.

## AND

WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries and jurisdictions in which intellectual or industrial property protection may be granted therefor.

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IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 12th day of January . 2018, at Malibu / CA (city).

(Signature)

Invention Title: SYSTEM FOR DETERMINATION OF MEASURED DEPTH (MD) IN WELLBORES

FROM DOWNHOLE PRESSURE SENSORS USING TIME OF ARRIVAL TECHNIQUES

## ASSIGNMENT

WHEREAS, I, Raviv Perahia of 3184 Parkview Court, Agoura Hills, CA 91301, United States of America, (hereinafter "Assignor") have invented certain new and useful improvements in SYSTEM FOR DETERMINATION OF MEASURED DEPTH (MD) IN WELLBORES FROM DOWNHOLE PRESSURE SENSORS USING TIME OF ARRIVAL TECHNIQUES (hereinafter "Invention") for which a United States provisional patent application was filed on March 27, 2017, Application Serial No. 62/477,344, and for which a United States utility patent application is being filed.

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IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this	1212	day of	Tem	, 2018,
at	176	ca	(city)	•.

(Signature)

Invention Title: SYSTEM FOR DETERMINATION OF MEASURED DEPTH (MD) IN WELLBORES

FROM DOWNHOLE PRESSURE SENSORS USING TIME OF ARRIVAL TECHNIQUES

#### ASSIGNMENT

WHEREAS, I, Hung Nguyen of 12561 Brooklake Street, Los Angeles, CA 90066, United States of America, (hereinafter "Assignor") have invented certain new and useful improvements in SYSTEM FOR DETERMINATION OF MEASURED DEPTH (MD) IN WELLBORES FROM DOWNHOLE PRESSURE SENSORS USING TIME OF ARRIVAL TECHNIQUES (hereinafter "Invention") for which a United States provisional patent application was filed on March 27, 2017, Application Serial No. 62/477,344, and for which a United States utility patent application is being filed.

#### AND

WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries and jurisdictions in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof I hereby acknowledge, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries and jurisdictions, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, patents, designs, utility models, and inventor certificates which may be granted therefor in the United States of America and its territorial possessions and in all foreign countries and jurisdictions. I hereby authorize and request the U.S. Patent and Trademark Office and the equivalent offices of foreign countries and jurisdictions, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit, for the full extent of the term for which United States and foreign patents and the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

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IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this	15	day of	Sanua	ą, ,	2018,
at <u>Wali</u>			£	(city)	

PATENT

REEL: 044749 FRAME: 0484

Invention Title: SYSTEM FOR DETERMINATION OF MEASURED DEPTH (MD) IN WELLBORES

FROM DOWNHOLE PRESSURE SENSORS USING TIME OF ARRIVAL TECHNIQUES

## ASSIGNMENT

WHEREAS, I, David Chang of 4367 Willow Glen Street, Calabasas, CA 91302, United States of America, (hereinafter "Assignor") have invented certain new and useful improvements in SYSTEM FOR DETERMINATION OF MEASURED DEPTH (MD) IN WELLBORES FROM DOWNHOLE PRESSURE SENSORS USING TIME OF ARRIVAL TECHNIQUES (hereinafter "Invention") for which a United States provisional patent application was filed on March 27, 2017, Application Serial No. 62/477,344, and for which a United States utility patent application is being filed.

#### AND

WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries and jurisdictions in which intellectual or industrial property protection may be granted therefor.

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IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 12	th day of	January	, 2018,
ar <u>Maliku</u>		(city)	Yo

(Signature)

PATENT REEL: 044749 FRAME: 0485

**RECORDED: 01/26/2018**