

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4496729

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VINCENT DE SAPIO	06/13/2017
JAEHOON CHOE	06/07/2017
MATTHEW E. PHILLIPS	06/10/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HRL LABORATORIES, LLC
<b>Street Address:</b>	3011 MALIBU CANYON ROAD
<b>City:</b>	MALIBU
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	90265
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15584905
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(310)943-2736
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<b>Address Line 4:</b>	MALIBU, CALIFORNIA 90265
<b>ATTORNEY DOCKET NUMBER:</b>	HRL508
<b>NAME OF SUBMITTER:</b>	RACHEL HERRERA
<b>SIGNATURE:</b>	/Rachel Herrera/
<b>DATE SIGNED:</b>	07/10/2017
<b>Total Attachments: 3</b>	
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Attorney Docket: HRL508

HRL docket No.: 151244

Invention Title: SYSTEM AND METHOD FOR PREDICTION OF OCCUPANT MOTOR RESPONSE IN ACCIDENTS

### ASSIGNMENT

WHEREAS, I, Vincent De Sapio of 4500 Sevenoaks Court, Westlake Village, CA 91361, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in SYSTEM AND METHOD FOR PREDICTION OF OCCUPANT MOTOR RESPONSE IN ACCIDENTS (hereinafter "Invention") for which a United States patent application was filed on May 2, 2017, Application Serial No. 15/584,905.

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 13 day of June, 2017,

at Malibu (city).

  
(Signature)

Attorney Docket: HRL508

HRL docket No.: 151244

Invention Title: SYSTEM AND METHOD FOR PREDICTION OF OCCUPANT MOTOR RESPONSE IN ACCIDENTS

### ASSIGNMENT

WHEREAS, I, Jaehoon Choe of 28947 Thousand Oaks Blvd #114, Agoura Hills, CA 91301, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in SYSTEM AND METHOD FOR PREDICTION OF OCCUPANT MOTOR RESPONSE IN ACCIDENTS (hereinafter "Invention") for which a United States patent application was filed on May 2, 2017, Application Serial No. 15/584,905.

AND

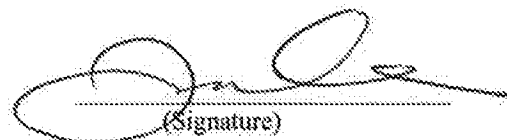
WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring 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 7th day of June, 2017,  
at Malibu, CA (city).

  
(Signature)

Attorney Docket: HRL508

HRL docket No.: 151244

Invention Title: SYSTEM AND METHOD FOR PREDICTION OF OCCUPANT MOTOR RESPONSE IN ACCIDENTS

### ASSIGNMENT

WHEREAS, I, Matthew E. Phillips of 3433 Syracuse Ave., San Diego, CA 92122, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in SYSTEM AND METHOD FOR PREDICTION OF OCCUPANT MOTOR RESPONSE IN ACCIDENTS (hereinafter "Invention") for which a United States patent application was filed on May 2, 2017, Application Serial No. 15/584,905.

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.

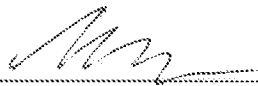
NOW, THEREFORE, for good and valuable consideration, the receipt whereof I hereby acknowledge, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign 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 10<sup>th</sup> day of June, 2017,

at San Diego CA (city).

  
(Signature)