# 504860107 04/09/2018

# PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4906846

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
AMIR M. RAHIMI	04/02/2018
SOHEIL KOLOURI	04/02/2018
RAJAN BHATTACHARYYA	03/30/2018

## **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:	15949013

## **CORRESPONDENCE DATA**

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	HRL549
NAME OF SUBMITTER:	RACHEL HERRERA
SIGNATURE:	/Rachel Herrera/
DATE SIGNED:	04/09/2018

## **Total Attachments: 3**

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PATENT 504860107 REEL: 045484 FRAME: 0956

Attorney Docket: HRL549 HRL docket No.: 161217

Invention Title: SYSTEM FOR PREDICTING MOVEMENTS OF AN OBJECT OF INTEREST WITH AN

AUTOENCODER

### ASSIGNMENT

WHEREAS, I, Amir M. Rahimi of 20747 Pacific Coast Highway, Apt. #5, Malibu, CA 90265, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in SYSTEM FOR PREDICTING MOVEMENTS OF AN OBJECT OF INTEREST WITH AN AUTOENCODER (hereinafter "Invention") for which a United States provisional patent application was filed on April 10, 2017, Application Serial No. 62/483,916, as well as, a United States provisional patent application was filed on March 29, 2018, Application Serial No. 62/649,893, 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 2 day of April	<sub></sub> 2018,	a proportion of the second second	
at Maliba (city)	's		
		Signal	week

PATENT REEL: 045484 FRAME: 0957 Attorney Docket: HRL549 HRL docket No.: 161217

Invention Title: SYSTEM FOR PREDICTING MOVEMENTS OF AN OBJECT OF INTEREST WITH AN

AUTOENCODER

### ASSIGNMENT

WHEREAS, I, Soheil Kolouri of 5902 Las Virgenes Road Apt. 498, Calabasas, CA 91302, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in SYSTEM FOR PREDICTING MOVEMENTS OF AN OBJECT OF INTEREST WITH AN AUTOENCODER (hereinafter "Invention") for which a United States provisional patent application was filed on April 10, 2017, Application Serial No. 62/483,916, as well as, a United States provisional patent application was filed on March 29, 2018, Application Serial No. 62/649,893, 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.

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at	Mali	·bu		(city) CA

PATENT REEL: 045484 FRAME: 0958 Attorney Docket: HRL549 HRL docket No.: 161217

Invention Title: SYSTEM FOR PREDICTING MOVEMENTS OF AN OBJECT OF INTEREST WITH AN

AUTOENCODER

### ASSIGNMENT

WHEREAS, I, Rajan Bhattacharyya of 3320 Woodcliff Road, Sherman Oaks, CA 91403, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in SYSTEM FOR PREDICTING MOVEMENTS OF AN OBJECT OF INTEREST WITH AN AUTOENCODER (hereinafter "Invention") for which a United States provisional patent application was filed on April 10, 2017, Application Serial No. 62/483,916, as well as, a United States provisional patent application was filed on March 29, 2018, Application Serial No. 62/649,893, 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 day of	March , 2018,	
at Maliba	(city),	Rofa Blotten 773. (Signature)

PATENT REEL: 045484 FRAME: 0959

RECORDED: 04/09/2018