

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2882872

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KARIM EL DEFRAWY	04/07/2014
KIRILL MINKOVICH	05/13/2014
JOSHUA W. BARON	04/08/2014
ERIC P. TRESSLER	04/08/2014
<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>	14205295
<b>CORRESPONDENCE DATA</b>	
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<i>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.</i>	
<b>Phone:</b>	310-589-8158
<b>Email:</b>	officeactions@topemckay.com
<b>Correspondent Name:</b>	TOPE-MCKAY & ASSOCIATES
<b>Address Line 1:</b>	30745 PACIFIC COAST HIGHWAY #420
<b>Address Line 4:</b>	MALIBU, CALIFORNIA 90265
<b>ATTORNEY DOCKET NUMBER:</b>	HRL290
<b>NAME OF SUBMITTER:</b>	RACHEL HERRERA
<b>SIGNATURE:</b>	/Rachel Herrera/
<b>DATE SIGNED:</b>	06/03/2014
<b>Total Attachments: 4</b>	
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Attorney Docket: HRL290

HRL docket No.: 111104

Invention Title: SECURE MULTI-DIMENSIONAL PATTERN MATCHING FOR SECURE SEARCH AND RECOGNITION

### ASSIGNMENT

WHEREAS, I, Karim El Defrawy of 1424 10th Street, Apt. H, Santa Monica, CA 90401, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in SECURE MULTI-DIMENSIONAL PATTERN MATCHING FOR SECURE SEARCH AND RECOGNITION (hereinafter "Invention") for which a United States utility patent application was filed on March 11, 2014, Application Serial No. 14/205,295.

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.

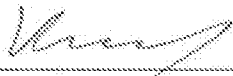
NOW, THEREFORE, for good and valuable consideration, the receipt whereof I hereby acknowledge, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign 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 5<sup>th</sup> day of April, 2014,

at Malibu, CA

  
(Signature)

Attorney Docket: HRL290

HRL docket No.: 111104

Invention Title: SECURE MULTI-DIMENSIONAL PATTERN MATCHING FOR SECURE SEARCH AND RECOGNITION

### ASSIGNMENT

WHEREAS, I, Kirill Minkovich of 3826 Ainsley Court, Campbell, CA 95008, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in SECURE MULTI-DIMENSIONAL PATTERN MATCHING FOR SECURE SEARCH AND RECOGNITION (hereinafter "Invention") for which a United States utility patent application was filed on March 11, 2014, Application Serial No. 14/205,295.

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 13 day of May, 2014,

at 18:33

  
(Signature)

Attorney Docket: HRL290

HRL docket No.: 111104

Invention Title: SECURE MULTI-DIMENSIONAL PATTERN MATCHING FOR SECURE SEARCH AND RECOGNITION

### ASSIGNMENT

WHEREAS, I, Joshua W. Baron of 1135 1/2 Cardliff Avenue, Los Angeles, CA 90035, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in SECURE MULTI-DIMENSIONAL PATTERN MATCHING FOR SECURE SEARCH AND RECOGNITION (hereinafter "Invention") for which a United States utility patent application was filed on March 11, 2014, Application Serial No. 14/205,295.

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.

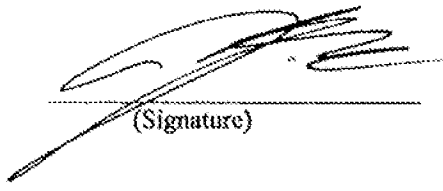
NOW, THEREFORE, for good and valuable consideration, the receipt whereof I hereby acknowledge, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign 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 8<sup>th</sup> day of April, 2014,

at Santa Monica, CA

  
(Signature)

PATENT

REEL: 033022 FRAME: 0787

Attorney Docket: HRL290

HRL docket No.: 111104

Invention Title: SECURE MULTI-DIMENSIONAL PATTERN MATCHING FOR SECURE SEARCH AND RECOGNITION

### ASSIGNMENT

WHEREAS, I, Eric P. Tressler 3964 Ceanothus Place Apt. M, Calabasas, CA 91302, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in SECURE MULTI-DIMENSIONAL PATTERN MATCHING FOR SECURE SEARCH AND RECOGNITION (hereinafter "Invention") for which a United States utility patent application was filed on March 11, 2014, Application Serial No. 14/205,295.

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 8 day of April, 2014,

at HRL Laboratories, LLC

  
(Signature)