

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4343747

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SOFIA S.V. APRELEVA	05/18/2016
TSAI-CHING LU	05/24/2016
RYAN F. COMPTON	09/20/2012
MATTHEW S. KEEGAN	03/19/2012
CRAIG LEE	05/19/2016
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:	15163547
CORRESPONDENCE DATA	
Fax Number:	(310)943-2736
<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>	
Phone:	310-589-8158
Email:	officeactions@topemckay.com
Correspondent Name:	TOPE-MCKAY & ASSOCIATES
Address Line 1:	30745 PACIFIC COAST HIGHWAY #420
Address Line 4:	MALIBU, CALIFORNIA 90265
ATTORNEY DOCKET NUMBER:	HRL436
NAME OF SUBMITTER:	RACHEL HERRERA
SIGNATURE:	/Rachel Herrera/
DATE SIGNED:	03/29/2017
Total Attachments: 9	
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Attorney Docket: HRL436

HRL docket No.: 140408

Invention Title: TRACKING AND PREDICTION OF SOCIETAL EVENT TRENDS USING AMPLIFIED SIGNALS EXTRACTED FROM SOCIAL MEDIA

ASSIGNMENT

WHEREAS, I, Sofia S.V. Apreleva of 2446 20th Street, Apt. 3, Santa Monica, CA 90405, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in TRACKING AND PREDICTION OF SOCIETAL EVENT TRENDS USING AMPLIFIED SIGNALS EXTRACTED FROM SOCIAL MEDIA (hereinafter "Invention") 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 18 day of May, 2016,
at Santa Monica, CA (city).


(Signature)

Attorney Docket: HRL436

HRL docket No.: 140408

Invention Title: TRACKING AND PREDICTION OF SOCIETAL EVENT TRENDS USING AMPLIFIED SIGNALS EXTRACTED FROM SOCIAL MEDIA

ASSIGNMENT

WHEREAS, I, Tsai-Ching Lu of 107 Mcabee Court, Thousand Oaks, CA 91360, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in TRACKING AND PREDICTION OF SOCIETAL EVENT TRENDS USING AMPLIFIED SIGNALS EXTRACTED FROM SOCIAL MEDIA (hereinafter "Invention") 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 24 day of May, 2016,

at Malibu, CA (city).

Tsai-Ching Lu
(Signature)

PATENT

REEL: 041789 FRAME: 0859

EMPLOYEE STATEMENTS AND AGREEMENTS

1. SAFEGUARDING CLASSIFIED INFORMATION

HRL Laboratories, LLC, hereinafter referred to as "HRL," is engaged in national defense work and is contractually obligated by a Security Agreement with the United States Government to comply with laws and regulations pertaining to the safeguarding of classified information and material.

REDACTED

Initial: pc

2. SAFETY

REDACTED

Initial: pc

3. PROPRIETARY INFORMATION, COPYRIGHTS, MASK WORKS & INVENTIONS

HRL is a firm engaged both in the United States and abroad in basic and applied research and development in support of electronic, missile, aircraft, spacecraft, communication and automotive systems, components and materials for military and commercial programs and ventures. This is the "Business of HRL."

The success of HRL depends among other things, upon maintaining strictly confidential and secret information relating to its trade secrets, designs, devices, products, methods, processes (whether or not patentable or reduced to practice), accounting, costs, research, development, sales, and other competitive information peculiarly within the knowledge of and relating to the Business of HRL, and to which individuals may acquire knowledge or have access to during the course of their employment at HRL. All such information is hereinafter collectively referred to as "Proprietary Information."

The success of HRL also depends upon the timely disclosure of inventions made by employees in the course of their employment at HRL and, in appropriate circumstances, the full cooperation of employee-inventors in filing, maintaining and enforcing United States and foreign country patent applications and patents covering such inventions.

In view of the foregoing and in consideration of my employment at HRL and as a further condition thereof, I agree as follows:

A. PROPRIETARY INFORMATION

I shall use my best efforts to exercise utmost diligence to protect and guard the Proprietary Information of HRL, its owners, its affiliates, its subsidiaries, and any entity with which I am directed to work in connection with my employment with HRL. Neither during my employment at HRL nor thereafter shall I, directly or indirectly, use for myself or another, or disclose to another, any Proprietary Information (whether acquired, learned, obtained or developed by me alone or in conjunction with others) of HRL, its affiliates, its owners, or any subsidiary of HRL, except as such disclosure or use is required in connection with my employment at HRL or is consented to in writing by HRL. Upon request by HRL at any time, including the event of my termination of employment at HRL, I shall promptly deliver to HRL, without retaining any copies, notes or excerpts thereof, all memoranda, journals, notebooks, diaries, notes, records, plats, sketches, plans, specifications or other documents relating directly or indirectly to any Proprietary Information made or compiled by or delivered or made available to or otherwise obtained by me. Each of the foregoing obligations shall also apply with respect to Proprietary Information of customers, contractors and others with whom HRL, its owners, its affiliates, or any subsidiary of HRL has a business relationship, learned or acquired by me during the course of my employment at HRL. The provisions of this section shall continue in full force and effect after my termination of employment for whatever reason.

B. COPYRIGHTS & MASK WORKS

All rights in and to any copyrightable material (including, but not limited to, computer programs), or material protectable as a mask work under the Semiconductor Chip Protection Act of 1984, which I may originate pursuant to or in connection with the Business of HRL or using HRL property, and which are not expressly released by HRL in writing, shall be deemed as a work for hire and shall be the sole and exclusive property of HRL, its successors, assigns or other legal representatives. I agree to assign and I hereby do assign any and all such copyrightable material or material protectable as a mask work to HRL.

C. INVENTIONS

With the exception of "EXEMPT" inventions as defined herein, any and all inventions, including developments and discoveries, whether or not patentable, which I may conceive or first reduce to practice, either alone or with others during the period of my employment at HRL (hereinafter referred to as HRL inventions), and regardless of the time, date or location of such inventions, shall be the sole and exclusive property of HRL and shall be promptly disclosed to HRL in writing and I hereby assign such inventions to HRL.

Inventions which I consider to be EXEMPT but made solely or jointly with others during the term of my employment, shall be first disclosed in confidence to HRL, before any other disclosure to third persons not related to the claimed EXEMPT invention, for the purpose of determining such issues as may arise. I shall do all acts required or desirable to provide for full title to certain patents and inventions to be in the United States as required by contracts between HRL and the United States or any of its agencies.

An EXEMPT invention is one which includes all of the following:

- (a) was developed entirely on my own time without using HRL's equipment, supplies, facilities, or trade secret information; and
- (b) does not relate at the time of conception or reduction to practice of the invention to HRL's Business, or to its actual or demonstrably anticipated research or development; and
- (c) does not result from any work performed by me for HRL.

I shall, without further compensation or consideration, but at no cost or expense to me:

- (a) communicate to HRL, its successors, assigns or other legal representatives (hereinafter referred to as HRL et al), any facts known by me respecting said HRL inventions;
- (b) do all lawful acts, including the execution and delivery of all papers and proper oaths and the giving of testimony deemed necessary or desirable by HRL et al, with regard to said HRL inventions, for protecting, obtaining maintaining and enforcing any and all Letters Patents in the United States and throughout the world for said HRL inventions, and for perfecting, affirming, recording and maintaining the title of HRL et al; and
- (c) generally cooperate to the fullest extent in all matters pertaining to said HRL inventions, developments or discoveries, any and all said Letters Patents and title thereto of HRL et al.

Listed below by descriptive title for purposes of identification only are all of the inventions made by me (conceived and reduced to practice) prior to my employment at HRL, whether my property, property of a previous employer or otherwise, and excluded from this Agreement.

(Continue on separate sheet if additional space is required)

NOTICE UNDER SECTION 2872

This Agreement has been drafted to be in conformance with Section 2870 of Article 3.5 (INVENTIONS MADE BY EMPLOYEE) of the Labor Code of the State of California as amended July 15, 1986 and, as required by Section 2872, notification is hereby given that this Employment Agreement does not apply to an invention which qualifies as an "EXEMPT" invention under the provisions of Section 2870.

Initial: RL

D. CONSENT TO USE PHOTO OR IMAGE

REDACTED

REDACTED

Initial: PC

4. INEVITABLE DISCLOSURE AND UNFAIR TRADE PRACTICE

REDACTED

Initial: PC

5. CONFLICT OF INTEREST AND BUSINESS ETHICS

REDACTED

Initial: PC

6. ACKNOWLEDGEMENT OF AUTHORIZED ACCESS TO HRL COMPUTER SYSTEMS

REDACTED

Initial: PC

I have read, and I understand and agree to comply with, all conditions above without any reservations whatsoever. I likewise acknowledge receipt of a copy of the Company Rules & Regulations which I shall detach from this form and retain for reference.

I understand that as an employee of HRL and in connection with my employment with HRL, I may be directed to work on projects with or for individuals or entities that may or may not be employed by or otherwise related to HRL, and that this agreement will continue to be effective throughout my employment with HRL.

However, nothing herein affects any rights that may apply under the NLRA.

Witness Signature

Date

[Signature]
Employee Signature

EMPLOYEE STATEMENTS AND AGREEMENTS**1. SAFEGUARDING CLASSIFIED INFORMATION**

HRL Laboratories, LLC, hereinafter referred to as "HRL," is engaged in national defense work and is contractually obligated by a Security Agreement with the United States Government to comply with laws and regulations pertaining to the safeguarding of classified information and material.

REDACTED

Initial: MLK

2. SAFETY

REDACTED

Initial: MLK

3. PROPRIETARY INFORMATION, COPYRIGHTS, MASK WORKS & INVENTIONS

HRL is a firm engaged both in the United States and abroad in basic and applied research and development in support of electronic, missile, aircraft, spacecraft, communication and automotive systems, components and materials for military and commercial programs and ventures. This is the "Business of HRL."

The success of HRL depends among other things, upon maintaining strictly confidential and secret information relating to its trade secrets, designs, devices, products, methods, processes (whether or not patentable or reduced to practice), accounting, costs, research, development, sales, and other competitive information peculiarly within the knowledge of and relating to the Business of HRL, and to which individuals may acquire knowledge or have access to during the course of their employment at HRL. All such information is hereinafter collectively referred to as "Proprietary Information."

The success of HRL also depends upon the timely disclosure of inventions made by employees in the course of their employment at HRL and, in appropriate circumstances, the full cooperation of employee-inventors in filing, maintaining and enforcing United States and foreign country patent applications and patents covering such inventions.

In view of the foregoing and in consideration of my employment at HRL and as a further condition thereof, I agree as follows:

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All rights in and to any copyrightable material (including, but not limited to, computer programs), or material protectable as a mask work under the Semiconductor Chip Protection Act of 1984, which I may originate pursuant to or in connection with the Business of HRL or using HRL property, and which are not expressly released by HRL in writing, shall be deemed as a work for hire and shall be the sole and exclusive property of HRL, its successors, assigns or other legal representatives.

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Inventions which I consider to be EXEMPT but made solely or jointly with others during the term of my employment, shall be first disclosed in confidence to HRL, before any other disclosure to third persons not related to the claimed EXEMPT invention, for the purpose of determining such issues as may arise. I shall do all acts required or desirable to provide for full title to certain patents and inventions to be in the United States as required by contracts between HRL and the United States or any of its agencies.

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I shall, without further compensation or consideration, but at no cost or expense to me:

- (a) communicate to HRL, its successors, assigns or other legal representatives (hereinafter referred to as HRL et al), any facts known by me respecting said HRL inventions;
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- (c) generally cooperate to the fullest extent in all matters pertaining to said HRL inventions, developments or discoveries, any and all said Letters Patents and title thereto of HRL et al.

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(Continue on separate sheet if additional space is required)

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Initial: _____

D. CONSENT TO USE PHOTO OR IMAGE

REDACTED

Initial: MMK

4. INEVITABLE DISCLOSURE AND UNFAIR TRADE PRACTICE

REDACTED

Initial: MMK

5. CONFLICT OF INTEREST AND BUSINESS ETHICS

REDACTED

Initial: MMK

I have read, and I understand and agree to comply with, all conditions above without any reservations whatsoever. I likewise acknowledge receipt of a copy of the Company Rules & Regulations which I shall detach from this form and retain for reference.

I understand that as an employee of HRL and in connection with my employment with HRL, I may be directed to work on projects with or for individuals or entities that may or may not be employed by or otherwise related to HRL, and that this agreement will continue to be effective throughout my employment with HRL.

However, nothing herein affects any rights that may apply under the NLRA.

[Signature]
Witness Signature

3/19/12
Date

[Signature]
Employee Signature

Attorney Docket: HRL436

HRL docket No.: 140408

Invention Title: TRACKING AND PREDICTION OF SOCIETAL EVENT TRENDS USING AMPLIFIED SIGNALS EXTRACTED FROM SOCIAL MEDIA

ASSIGNMENT

WHEREAS, I, Craig Lee of 1326 South Carmelina Ave., #3, Los Angeles, CA 90025, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in TRACKING AND PREDICTION OF SOCIETAL EVENT TRENDS USING AMPLIFIED SIGNALS EXTRACTED FROM SOCIAL MEDIA (hereinafter "Invention") 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 19th day of May, 2016,
at Redondo Beach (city).

Craig Lee
(Signature)