503307652 05/14/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3354270

SUBMISSION TYPE		NEW ASSIGNMENT	
IATURE OF CONVE	EYANCE:	ASSIGNMENT	
CONVEYING PART	Υ DATA		
		Name Execution I	Date
KARIM EL DEFRAWY		01/06/2015	
JOSHUA D. LAMPKINS		01/05/2015	
RECEIVING PART	/ DATA		
Name:	HRL L	L LABORATORIES, LLC	
Street Address:	3011 N	1 MALIBU CANYON ROAD	
City:	MALIB	MALIBU	
State/Country:	CALIF	IFORNIA	
Postal Code:	90265)265	
PROPERTY NUMB Property Ty		Number	
	уре	Number	
	уре		
Property T	ype er:	Number	
Property Ty Application Numbe CORRESPONDENC Fax Number:	ype er: CE DATA	Number 14477613 (310)943-2736	
Property Ty Application Number CORRESPONDENC Fax Number: <i>Correspondence</i> w	ype er: CE DATA <i>vill be sent to</i>	Number 14477613 (310)943-2736 o the e-mail address first; if that is unsuccessful, it will be ser	nt
Property Ty Application Number CORRESPONDENC Fax Number: Correspondence w using a fax numbe	ype er: CE DATA <i>vill be sent to</i>	Number 14477613 (310)943-2736	nt
Property Ty Application Number CORRESPONDENC Fax Number: <i>Correspondence</i> w	ype er: CE DATA <i>vill be sent to</i>	Number 14477613 (310)943-2736 o the e-mail address first; if that is unsuccessful, it will be ser d; if that is unsuccessful, it will be sent via US Mail.	nt
Property Ty Application Number CORRESPONDENC Fax Number: <i>Correspondence w</i> <i>using a fax numbe</i> Phone: Email: Correspondent Nat	ype er: CE DATA vill be sent to r, if provided	Number 14477613 (310)943-2736 o the e-mail address first; if that is unsuccessful, it will be ser d; if that is unsuccessful, it will be sent via US Mail. 310.589.8158 officeactions@topemckay.com TOPE-MCKAY & ASSOCIATES	nt
Property Ty Application Number CORRESPONDENC Fax Number: <i>Correspondence w</i> <i>using a fax numbe</i> Phone: Email: Correspondent Nat Address Line 1:	ype er: CE DATA vill be sent to r, if provided	Number 14477613 (310)943-2736 o the e-mail address first; if that is unsuccessful, it will be ser d; if that is unsuccessful, it will be sent via US Mail. 310.589.8158 officeactions@topemckay.com TOPE-MCKAY & ASSOCIATES 30745 PACIFIC COAST HIGHWAY #420	nt.
Property Ty Application Number CORRESPONDENC Fax Number: <i>Correspondence w</i> <i>using a fax numbe</i> Phone: Email:	ype er: CE DATA vill be sent to r, if provided	Number 14477613 (310)943-2736 o the e-mail address first; if that is unsuccessful, it will be ser d; if that is unsuccessful, it will be sent via US Mail. 310.589.8158 officeactions@topemckay.com TOPE-MCKAY & ASSOCIATES	nt
Property Ty Application Number CORRESPONDENC Fax Number: <i>Correspondence w</i> <i>using a fax numbe</i> Phone: Email: Correspondent Nat Address Line 1:	ype er: CE DATA vill be sent to r, if provided me:	Number 14477613 (310)943-2736 o the e-mail address first; if that is unsuccessful, it will be sert d; if that is unsuccessful, it will be sent via US Mail. 310.589.8158 officeactions@topemckay.com TOPE-MCKAY & ASSOCIATES 30745 PACIFIC COAST HIGHWAY #420 MALIBU, CALIFORNIA 90265	nt
Property Ty Application Number CORRESPONDENC Fax Number: <i>Correspondence w</i> <i>using a fax numbe</i> Phone: Email: Correspondent Nat Address Line 1: Address Line 4:	ype er: CE DATA /ill be sent to r, if provided me: T NUMBER:	Number 14477613 (310)943-2736 o the e-mail address first; if that is unsuccessful, it will be sert d; if that is unsuccessful, it will be sent via US Mail. 310.589.8158 officeactions@topemckay.com TOPE-MCKAY & ASSOCIATES 30745 PACIFIC COAST HIGHWAY #420 MALIBU, CALIFORNIA 90265	nt
Property Ty Application Number CORRESPONDENC Fax Number: <i>Correspondence w</i> <i>using a fax numbe</i> Phone: Email: Correspondent Nat Address Line 1: Address Line 4:	ype er: CE DATA /ill be sent to r, if provided me: T NUMBER:	Number 14477613 (310)943-2736 o the e-mail address first; if that is unsuccessful, it will be ser o the e-mail address first; if that is unsuccessful, it will be ser d; if that is unsuccessful, it will be sent via US Mail. 310.589.8158 officeactions@topemckay.com TOPE-MCKAY & ASSOCIATES 30745 PACIFIC COAST HIGHWAY #420 MALIBU, CALIFORNIA 90265 HRL353	nt

source=HRL353_121115-ASG-150514#page1.tif source=HRL353_121115-ASG-150514#page2.tif

Attorney Docket: HRL353 HRL docket No.: 121115 Invention Title: A SECURE MOBILE PROACTIVE MULTIPARTY COMPUTATION PROTOCOL

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 A SECURE MOBILE PROACTIVE MULTIPARTY COMPUTATION PROTOCOL (hereinafter "Invention") for which a United States patent application was filed on September 4, 2014, Application Serial No. 14/477,613.

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 full extent of the term for which United States and foreign patents and the full extent of the term for which United States and foreign patents and the hike 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 Assignce'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 hereinto set my hand.

Executed this <u>06</u> day of <u>Jermann</u>, 2015 at <u>Malible</u> (eity).

(Signature)

PATENT REEL: 035642 FRAME: 0812

Aitorney Docket: HRL353 HRL docket No.: 121115 Invention Title: A SECURE MOBILE PROACTIVE MULTIPARTY COMPUTATION PROTOCOL

ASSIGNMENT

WHEREAS, I, Joshua D, Lampkins of 15208 S. Wilkie Avenne, Gardena, CA 90249, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in A SECURE MOBILE PROACTIVE MULTIPARTY COMPUTATION PROTOCOL (hereinafter "Invention") for which a United States patent application was filed on September 4, 2014, Application Serial No. 14/477,613.

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 day of January 2015 at Maliby, CA (city).

Aug Haryfritz (Signature)

PATENT REEL: 035642 FRAME: 0813

RECORDED: 05/14/2015