PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3604265

NATURE OF CONVEYANCE: Corrective Assignment to correct the SPELLING, ON THE ASSIGNMENT COVER SHEET AND NOTICE OF RECORDATION, OF MOHIUDDIN AHMED, ONE OF THE ASSIGNORS previously recorded on Reel 036897 Frame 266. Assignor(s) hereby confirms the ASSIGNMENT OF 14/074582 FROM DEYING ZHANG AND MOHIUDDIN AHMED (ASSIGNORS) TO HRL LABORATORIES, LLC (ASSIGNEE).	SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	NATURE OF CONVEYANCE:	COVER SHEET AND NOTICE OF RECORDATION, OF MOHIUDDIN AHMED, ONE OF THE ASSIGNORS previously recorded on Reel 036897 Frame 266. Assignor(s) hereby confirms the ASSIGNMENT OF 14/074582 FROM DEYING ZHANG AND MOHIUDDIN AHMED

CONVEYING PARTY DATA

Name	Execution Date
DEYING ZHANG	10/17/2013
MOHIUDDIN AHMED	10/22/2013

RECEIVING PARTY DATA

Name:	HRL LABORATORIES, LLC	
Street Address:	3011 MALIBU CANYON RD	
City:	MALIBU	
State/Country:	CALIFORNIA	
Postal Code:	90265-4799	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14074582

CORRESPONDENCE DATA

Fax Number: (323)934-0202

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.

Email: LA mail@la.ladas.com Correspondent Name: LADAS & PARRY LLP 5670 WILSHIRE BLVD Address Line 1:

Address Line 2: **SUITE 2100**

Address Line 4: LOS ANGELES, CALIFORNIA 90036

ATTORNEY DOCKET NUMBER:	B-7598NP 628543-8
NAME OF SUBMITTER:	CLAIRE LEMIEUX
SIGNATURE:	/Claire Lemieux/
DATE SIGNED:	11/05/2015

Total Attachments: 4

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PATENT REEL: 037056 FRAME: 0203

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PATENT REEL: 037056 FRAME: 0204

HRL Ref: 111006-NP

Our Ref: B-7598NP 628543-8

ASSIGNMENT

WHEREAS:

Residing at:

Deying Zhang 513 Savona Way

Oak Park, CA 91377

WHEREAS:

Mohiuddin Ahmed

Residing at:

13634 Chesterfield Drive

Moorpark, CA 93021

(hereinafter referred to as ASSIGNORS), have invented and own a certain invention entitled:

"DIRECT DIGITAL RF CONVERSION"

for which application for Letters Patent of the United States was assigned U.S. Application No.14074582, filed on Nov.7, 2013, and which application claims the benefit of U.S. Provisional Application(s) No(s). 61/780,207, filed on March 13, 2013, under 35 U.S.C. Section 119(e);

WHEREAS: HRL Laboratories, LLC

A Limited Liability Company formed under the laws of the State of Delaware, United States of America, having its principal place of business at:

> 3011 Malibu Canyon Road Malibu, California 90265-4799

(hereinafter referred to as ASSIGNEE), is desirous of acquiring entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that ASSIGNORS, for good and valuable consideration, hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries, including the right to claim priority under any applicable provisions of the International Convention and the Patent Cooperation Treaty and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all

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HRL Ref: 111006-NP

Our Ref: B-7598NP 628543-8

foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention, assignments related to said application or said invention, and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

Assignors, hereby authorize and request the attorney as named in the Declaration and/or Power of Attorney executed for this invention, to insert the filing date and application number in this assignment document for the invention noted herein.

Subscribed and executed at	Malibu, CA
on 16/17 Inventor:	Deving Zhang
Subscribed and executed at	Malibu, CA
on 10/22	, 2013.
Inventor:	Myhuddin Almed

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3576227

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the THE NUMBER OF INVENTORS LISTED, ASSIGNORS, WHO CONVEYED USSN 14/074582 TO HRL LABORATORIES, THE ASSIGNEE previously recorded on Reel 031570 Frame 0784. Assignor(s) hereby confirms the ASSIGNMENT OF 14/074582 FROM DEYING ZHANG AND MOHIUDDIN AHMED (ASSIGNORS) TO HRL LABORATORIES, LLC (ASSIGNEE).

CONVEYING PARTY DATA

Name	Execution Date
DEYING ZHANG	10/17/2013
MOHIUDDIN AHMEN	10/22/2013

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Email:

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Correspondent Name:

LADAS & PARRY LLP

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Address Line 4:

LOS ANGELES, CALIFORNIA 90036

ATTORNEY DOCKET NUMBER:	B-7598NP 628543-8	
NAME OF SUBMITTER:	MAVIS GALLENSON	
SIGNATURE:	/Mavis Gallenson/	
DATE SIGNED:	10/19/2015	

Total Attachments: 4

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PATENT
RECORDED: 11/05/2015 REEL: 037056 FRAME: 0208