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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jeong-Sun Moon	12/17/2012

RECEIVING PARTY DATA

Name:	HRL Laboratories, LLC	
Street Address:	3011 Malibu Canyon Road	
City:	Malibu	
State/Country:	CALIFORNIA	
Postal Code:	90265-4799	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13737441

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	B-7596 627799-8
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NAME OF SUBMITTER: Lee W. Tower

Total Attachments: 2

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OP \$40.00 1373

PATENT REEL: 029597 FRAME: 0015

ASSIGNMENT

WHEREAS: Residing at:

Jeong-Sun Moon 14217 Shawnee Ct. Moorpark, CA 93021

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

"A METHOD TO MAKE RF-PCM SWITCHES AND CIRCUITS WITH PHASE-CHANGE MATERIALS"

for which application for Letters	Patent of the United States was
for which application for Letters assigned U.S. Application No. 13/1	31441, filed on 0/19/20/3, and
which application claims the bene	fit of U.S. Provisional
Application(s) No(s).	, filed on . under 35
U.S.C. Section 119(e);	, 41401 00

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 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;

Page 1 of 2

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.

I/we, an Assignor signing below, hereby authorized and request my attorney as named in the Declaration and/or Power of Attorney I/we executed for this invention, to insert the filing date and application number in this assignment document for the invention noted herein.

on Dec. 17th 2012.

Inventor: Maribu, A

Jeong-Sun Moon

Page 2 of 2