

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4629130

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANDREW C. KEEFE	02/19/2015
GEOFFREY P. MCKNIGHT	02/19/2015
SLOAN P. SMITH	02/25/2015
CHRISTOPHER B. CHURCHILL	02/19/2015
<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>	15726204
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(805)654-9984
<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>	805-658-1945
<b>Email:</b>	patents@balzanip.com
<b>Correspondent Name:</b>	BALZAN INTELLECTUAL PROPERTY LAW, PC
<b>Address Line 1:</b>	674 COUNTY SQUARE DRIVE
<b>Address Line 4:</b>	VENTURA, CALIFORNIA 93003
<b>ATTORNEY DOCKET NUMBER:</b>	HRL/003-14-NP-DV1
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER R. BALZAN
<b>SIGNATURE:</b>	/Christopher R. Balzan, Reg#40901/
<b>DATE SIGNED:</b>	10/05/2017
<b>Total Attachments: 3</b>	
source=PTO_Assignment_HRL003-14-NP#page1.tif	
source=PTO_Assignment_HRL003-14-NP#page2.tif	
source=PTO_Assignment_HRL003-14-NP#page3.tif	

**ASSIGNMENT OF APPLICATION FOR PATENT**

WHEREAS: The following named inventors:

Andrew C. Keefe  
17728 Rhoda Street  
Encino, CA 91316

Geoffrey P. McKnight  
11608 Francis Place  
Los Angeles, CA 90066

Sloan P. Smith  
5830 Las Virgenes Rd. #443  
Calabasas, CA 91302

Christopher B. Churchill  
2855 Harbor Blvd.  
Ventura, CA 93001

(hereinafter assignors), have invented a certain invention entitled:

**TORSION SPRINGS WITH CHANGEABLE STIFFNESS**

for which application for Letters Patent in the United States is executed herewith.

WHEREAS: HRL Laboratories, LLC, a limited liability company formed under the laws of the State of Delaware, having a place of business at 3011 Malibu Canyon Road, Malibu, California 90265 (hereinafter ASSIGNEE), is desirous of acquiring the right, title and interest in and to the application (hereinafter Application), and the invention disclosed therein (hereinafter Invention), and in and to all embodiments of the Invention, and in and to any and all patents, inventor's certificates, and other forms of protection (hereinafter Patents) granted in any and all countries and groups of countries.

NOW THEREFOR: For good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the ASSIGNORS to have been received in full from the ASSIGNEE, the undersigned do hereby sell, assign, transfer, and convey to ASSIGNEE the full and exclusive right, title, and interest in to the Application and the Invention, in the United States and its territorial possessions and in all foreign countries or group of countries, including the right to claim priority under any applicable provisions of the International Convention and the Patent Cooperation Treaty and to all Patents or similar legal protection in the United States and its territorial possessions and in any and all foreign countries and groups of countries to be obtained for the Invention by the Application or any continuation, division, renewal, substitute, or reissue thereof, or any legal equivalent thereof in a foreign country or group of countries 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 shall be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE shall, upon its request, be provided promptly with all pertinent facts and documents relating to the Application, the Invention, assignments related to the Application or the Invention, and the 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 of 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 the Application, the Invention, and the Letters Patent and the equivalents thereof in any foreign country or group of countries which may be necessary or desirable to carry out the purposes thereof.

The term and covenants of this agreement shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the ASSIGNORS, their respective heirs, legal representatives, and assigns.

The ASSIGNORS have executed and delivered this instrument to the ASSIGNEE on the dates indicated below.

Signed and Executed at Malibu, CA USA  
(City, State, Country)

by Inventor (Signature) [Signature] Date: 2/19, 2015  
Name: Andrew C. Keefe

Signed and Executed at Malibu, CA USA  
(City, State, Country)

by Inventor (Signature) [Signature] Date: 2/19, 2015  
Name: Geoffrey P. McKnight

Signed and Executed at Malibu, CA USA  
(City, State, Country)

by Inventor (Signature) [Signature] Date: 2/25, 2015  
Name: Stacy P. Smith

Signed and Executed at Malibu, CA USA  
(City, State, Country)

by Inventor (Signature) Chris Churchill Date: 2/19, 2015  
Name: Christopher B. Churchill