

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5093648

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	07/17/2018

CONVEYING PARTY DATA

Name	Execution Date
BANNER LIFE SCIENCES LLC	08/08/2018

RECEIVING PARTY DATA

Name:	PATHEON SOFTGELS INC.
Street Address:	4125 PREMIER DRIVE
City:	HIGH POINT
State/Country:	NORTH CAROLINA
Postal Code:	27265

PROPERTY NUMBERS Total: 26

Property Type	Number
Application Number:	61976237
Application Number:	62101431
Application Number:	14679062
Application Number:	14679233
Application Number:	14877208
Application Number:	62250248
Application Number:	15814524
Application Number:	62238385
Application Number:	62310383
Application Number:	15795515
Application Number:	62512446
Application Number:	15990885
Application Number:	62314432
Application Number:	62331595
Application Number:	15585212
Application Number:	62175470
Application Number:	15795476
Application Number:	15795846
Patent Number:	9849125

PATENT

Property Type	Number
Patent Number:	9861629
Patent Number:	9943513
Patent Number:	9877971
Patent Number:	9867834
PCT Number:	US2015024422
PCT Number:	US2015024464
PCT Number:	US2015054443

CORRESPONDENCE DATA

Fax Number: (919)998-5701

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.

Phone: 9199985707

Email: bbrown@brinksgilson.com

Correspondent Name: BERNARD A. BROWN II

Address Line 1: 4721 EMPEROR BLVD

Address Line 2: BRINKS GILSON & LIONE

Address Line 4: DURHAM, NORTH CAROLINA 27703

NAME OF SUBMITTER: BERNARD A. BROWN II

SIGNATURE: /Bernard A. Brown II/

DATE SIGNED: 08/13/2018

Total Attachments: 4

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**SCHEDULE A
ASSIGNMENT OF INVENTIONS**

In consideration of the payment by ASSIGNEE to ASSIGNOR and for other good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR: Banner Life Sciences LLC, having its primary place of business at 4125 Premier Drive, High Point, North Carolina, 27265, United States of America, a Limited Liability Company organized under the laws of the State of Delaware, United States of America, and its successors, assigns, and legal representatives

hereby sell(s), assign(s) and transfer(s) to:

ASSIGNEE: Patheon Softgels Inc., having its primary place of business at 4125 Premier Drive, High Point, North Carolina, 27265, United States of America, a Corporation organized under the laws of the State of Delaware, United States of America, and its successors, assigns, and legal representatives,

the entire right, title and interest in and to, including the right to claim priority from, the invention(s) disclosed in the patent(s) and application(s) listed in **SCHEDULE A-1**, attached hereto,

and in and to all Letters Patent(s) and equivalents thereof having been or to be obtained for said invention in all countries by the application(s) or any continuation, continuation-in-part, division, renewal, substitute, or equivalent thereof, as well as to any reissue, reexamination, patent term restoration, or equivalent thereto.

The effective date of this Assignment is the 17th day of July, two thousand eighteen (17-JULY-2018).

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment, and that ASSIGNEE will, upon ASSIGNEE's request, be provided promptly with all pertinent facts and documents relating to said invention(s), applications, and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR, and ASSIGNOR will testify as to the same in any interference, litigation, or other proceeding related thereto, and will promptly execute and deliver to ASSIGNEE or its legal representative(s) any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue, and enforce said application(s), said invention(s), said Letters Patent(s), and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, I/we have hereunto respectively set hand(s) and seal(s) on the date(s) shown below:

ASSIGNOR

on behalf of **Banner Life Sciences LLC.**
Claudia A. Garcia

Assistant Secretary, Banner Life Sciences LLC

Signature: *Claudia Garcia*

Date: 8 AUGUST 2018

ASSIGNEE

on behalf of **Patheon Softgels Inc.**
Jason B. Conner

President and Secretary, Patheon Softgels Inc.

Signature: *JBC*

Date: 20 JULY 2018

ATTESTATION

State: North Carolina
County: Guilford

I, **Phyllis E. Hardin**, a Notary Public for Randolph County, NC, do hereby certify that **Claudia A. Garcia** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 8th day of August 2018.



Signature: *Phyllis E. Hardin*
Notary Public

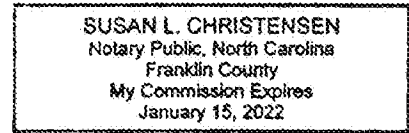
My commission expires: 07/29/2019

ATTESTATION

State: North Carolina
County: Durham

I, **Susan L. Christensen**, a Notary Public for Franklin County, NC, do hereby certify that **Jason B. Conner** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 20th day of July 2018.



Signature: *Susan L. Christensen*
Notary Public

My commission expires: January 15, 2022

WITNESSED

Signature: *Melissa Briscoe*
Name: Melissa Briscoe
Date: 08/08/18
Address: 4228 Furlow Dr. Greensboro, NC 27410

Signature: *Bruce Boring*
Name: Bruce Boring
Date: 08 AUG 2018
Address: 4625 Premier Dr High Point, NC 27265

WITNESSED

Signature: *Peter N. Efrementko*
Name: Peter N. Efrementko
Date: July 20, 2018
Address: 4708 Wildwood St., Raleigh, NC 27612

Signature: *Danille Eiles*
Name: Danille Eiles
Date: 20 July 2018
Address: 405 Leinbach Ct. Cary, NC 27513

SCHEDULE A-1. PATENTS AND PATENT APPLICATIONS

Title	Application Number	Filing Date	Patent Number	Issue Date	Status
ABUSE-DETERRENT CONTROLLED RELEASE FORMULATIONS	61/976,237	4/7/2014	EXPIRED		Expired
ABUSE-DETERRENT CONTROLLED RELEASE FORMULATIONS	62/101,431	1/9/2015	EXPIRED		Expired
ABUSE-DETERRENT CONTROLLED RELEASE FORMULATIONS	PCT/US2015/024422	4/6/2015	EXPIRED		Expired
ABUSE-DETERRENT CONTROLLED RELEASE FORMULATIONS	14/679,062	4/6/2015			Pending
ABUSE DETERRENT OPIOID ANALGESICS	14/679,233	4/6/2015			Pending
ABUSE DETERRENT OPIOID ANALGESICS	PCT/US2015/024464	4/6/2015	EXPIRED		Expired
ABUSE DETERRENT OPIOIDS	14/877,208	10/6/2015			Pending
ABUSE DETERRENT OPIOIDS	PCT/US2015/054443	10/6/2015	EXPIRED		Expired
OPIOID ANTI-OVERINGESTION AND ABUSE DETERRENT DOSAGE FORMS	62/250,284	11/3/2015	EXPIRED		Pending
OPIOID ANTI-OVERINGESTION AND ABUSE DETERRENT DOSAGE FORMS	15/341,143	11/2/2016	9849125	12/26/2017	Granted
OPIOID ANTI-OVERINGESTION AND ABUSE DETERRENT DOSAGE FORMS	15/814,524	11/16/2017			Pending
OPIOID ABUSE DETERRENT DOSAGE FORMS	62/238,385	10/7/2015			Expired
OPIOID ABUSE DETERRENT DOSAGE FORMS	62/310,383	3/18/2016			Expired
OPIOID ABUSE DETERRENT DOSAGE FORMS	15/285,814	10/5/2016	9861629	1/9/2018	Granted
OPIOID ABUSE DETERRENT DOSAGE FORMS	15/795,515	10/27/2017			Pending
OPIOID ABUSE DETERRENT DOSAGE FORMS	15/285,837	10/5/2016	9943513	4/17/2018	Pending
ANTI-OVERINGESTION ABUSE-DETERRENT COMPOSITIONS	62/512,446	5/30/2017			Pending
ANTI-OVERINGESTION ABUSE-DETERRENT COMPOSITIONS					
SEQUESTERED OPIOID ANTAGONISTS FOR DETERRING ABUSE	62/314,432	3/29/2016	EXPIRED		Expired

NON-BURST RELEASING PHARMACEUTICAL COMPOSITIONS	62/331,595	5/4/2016	EXPIRED		Expired
NON-BURST RELEASING PHARMACEUTICAL COMPOSITIONS	15/585,212	5/3/2017			Pending
SOFT LOZENGES COMPRISING CORTICOSTEROIDS	62/175,470	6/15/2015	EXPIRED		Expired
SOFT LOZENGES COMPRISING CORTICOSTEROIDS	15/181,462	6/14/2016	9877971	1/30/2017	Granted
SOFT LOZENGE COMPOSITIONS	15/795,476	10/27/2017			Pending
SOFT LOZENGES COMPRISING CORTICOSTEROIDS	PCT/US2016/37324	6/14/2016	EXPIRED		Expired
SOFT LOZENGES COMPRISING CORTICOSTEROIDS	15/293,535	10/14/2016	9867834	1/16/2018	Granted
SOFT LOZENGE COMPOSITIONS	15/795,846	10/27/2017			Pending