

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4163868

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	CHANGE OF NAME	
CONVEYING PARTY DATA		
Name		Execution Date
EMERALD THERAPEUTICS, INC.		11/02/2016
RECEIVING PARTY DATA		
Name:	EMERALD CLOUD LAB, INC.	
Street Address:	844 DUBUQUE AVENUE	
City:	SOUTH SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94080	
PROPERTY NUMBERS Total: 19		
Property Type	Number	
Patent Number:	9068218	
Patent Number:	8630809	
Patent Number:	9289502	
Patent Number:	9429547	
Application Number:	14721398	
Application Number:	13801592	
Application Number:	14142531	
Application Number:	15042064	
Application Number:	61349012	
PCT Number:	US2011029947	
PCT Number:	US2014021148	
Application Number:	61660145	
PCT Number:	US2013045319	
Application Number:	61660152	
Application Number:	61754339	
Application Number:	62186928	
PCT Number:	US2016040588	
Application Number:	62186936	
PCT Number:	US2016040589	

CORRESPONDENCE DATA**Fax Number:** (650)815-2601

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: 6508152600**Email:** abaker@sheppardmullin.com**Correspondent Name:** SHEPPARD MULLIN RICHTER & HAMPTON LLP**Address Line 1:** 379 LYTTON AVENUE**Address Line 2:** ALEX Y. NIE**Address Line 4:** PALO ALTO, CALIFORNIA 94301

ATTORNEY DOCKET NUMBER:	41AS-200750
NAME OF SUBMITTER:	ALEX Y. NIE
SIGNATURE:	/Alex Y. Nie/
DATE SIGNED:	11/30/2016

Total Attachments: 2

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Delaware

The First State

Page 1

*I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF
DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT
COPY OF THE RESTATED CERTIFICATE OF "EMERALD CLOUD LAB, INC.",
FILED IN THIS OFFICE ON THE SECOND DAY OF NOVEMBER, A.D. 2016,
AT 9:57 O`CLOCK A.M.*

*A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE
NEW CASTLE COUNTY RECORDER OF DEEDS.*



4746532 8100
SR# 20166457137

You may verify this certificate online at corp.delaware.gov/authver.shtml

A handwritten signature in black ink, appearing to read "JB", is written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed.

Jeffrey W. Bullock, Secretary of State

Authentication: 203265195
Date: 11-02-16

PATENT
REEL: 040773 FRAME: 0626

AMENDED AND RESTATED
CERTIFICATE OF INCORPORATION OF

EMERALD CLOUD LAB, INC.

Emerald Cloud Lab, Inc., a corporation organized and existing under the laws of the State of Delaware (the "*Corporation*"), certifies that:

1. The name of the Corporation is Emerald Cloud Lab, Inc. The Corporation's original Certificate of Incorporation was filed with the Secretary of State of the State of Delaware on October 27, 2009. The Corporation was originally incorporated under the name "Emerald Therapeutics, Inc."

2. This Amended and Restated Certificate of Incorporation was duly adopted in accordance with Sections 242 and 245 of the General Corporation Law of the State of Delaware, and has been duly approved by the written consent of the stockholders of the Corporation in accordance with Section 228 of the General Corporation Law of the State of Delaware.

3. The text of the Certificate of Incorporation, as amended to date, is further amended and restated to read as set forth in EXHIBIT A attached hereto.

IN WITNESS WHEREOF, Emerald Cloud Lab, Inc. has caused this Amended and Restated Certificate of Incorporation to be signed by Daniel J. Kleinbaum, a duly authorized officer of the Corporation, on November 2, 2016.

/s/ Daniel J. Kleinbaum
Daniel J. Kleinbaum, President