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ETAS ID: TM563550

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type	
REDHILL BIOPHARMA INC.		02/23/2020	Corporation: DELAWARE	

RECEIVING PARTY DATA

Name:	HCR COLLATERAL MANAGEMENT, LLC, AS ADMINISTRATIVE AGENT
Street Address:	300 ATLANTIC STREET
Internal Address:	SUITE 600
City:	STAMFORD
State/Country:	CONNECTICUT
Postal Code:	06901
Entity Type:	Limited Liability Company: DELAWARE

PROPERTY NUMBERS Total: 4

Property Type	Number	Word Mark
Serial Number:	87119637	AEMCOLO
Serial Number:	87593590	AEMCOLO
Serial Number:	86089235	MOVANTIK
Serial Number:	86205691	MOVANTIK

CORRESPONDENCE DATA

Fax Number: 8585506420

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: 858-550-6472

Email:dmonteblanco@cooley.comCorrespondent Name:DEREK MONTEBLANCO

Address Line 1: C/O COOLEY LLP

Address Line 2: 4401 EASTGATE MALL

Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:	322762-105
NAME OF SUBMITTER:	DEREK MONTEBLANCO
SIGNATURE:	/DEREK MONTEBLANCO/
DATE SIGNED:	02/24/2020

TRADEMARK REEL: 006872 FRAME: 0977

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Total Attachments: 6

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NOTICE

OF

GRANT OF SECURITY INTEREST

IN

TRADEMARKS

United States Patent and Trademark Office

Ladies and Gentlemen:

Please be advised that pursuant to the Security Agreement dated as of February 23, 2020 (as the same may be amended, modified, restated or supplemented from time to time, the "Security Agreement") by and among the Grantors party thereto (each a "Grantor" and collectively, the "Grantors") and HCR Collateral Management, LLC, as Administrative Agent (the "Administrative Agent") for the Secured Parties referenced therein, the undersigned Grantor has granted a continuing security interest in and continuing lien upon, the trademarks, trademark licenses and trademark applications set forth on Schedule 1 attached hereto to the Administrative Agent for the ratable benefit of the Secured Parties.

The undersigned Grantor and the Administrative Agent, on behalf of the Secured Parties, hereby acknowledge and agree that the security interest in the trademarks, trademark licenses and trademark applications set forth on Schedule 1 attached hereto granted by the Grantor to the Administrative Agent, on behalf of the Secured Parties, pursuant to the Security Agreement (i) may only be terminated in accordance with the terms of the Security Agreement, (ii) is not to be construed as an assignment of any trademark, trademark license or trademark application and (iii) is subject to the terms and limitations of the Security Agreement.

[Signature pages follow]

[[5284487]]

Title:

[Signature page to Notice of Grant of Security Interest in Trademarks (Borrower)]

Very tr	ily your	9			
REDHA	V L BIO	PHARN	AA INC.	and the same of th	***************************************
By	1	KARATA KARAT	7		
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Acknowledged and Accepted:

HCR COLLATERAL MANAGEMENT, LLC, as Administrative Agent

By:	·			
Name:			 	***************************************
Title:				

Very truly yours,
REDHILL BIOPHARMA INC.
By:Name:

Acknowledged and Accepted:

HCR COLLATERAL MANAGEMENT; LLC,

as Administrative Agent-

Name: Clarke B. Futch Title: Managing Partner

Schedule 1

[See attached]

Schedule 1

Mark	Country	Status	Filed Date	Application No.	Reg. Date	Registration No.
MOVANTIK	United States of America	Registered	11-Nov-13	86/089235	9-Sep-14	4600146
movantik	United States of America	Registered	27-Feb-14	86/205691	28-Jul-15	4792846

IP Right: IP Right ID	Title	Countr	Prosecuti on Status	Filin g Date	Application Number	Issu e Dat e	IP Right Numbe r	Maximu m Term	Clas s
AEMCOLO/DE N-US	AEMCOLO	US	Registered	28- 07- 16	87/119,637			28-07-26	5
AEMCOLO/FI G-US	2) Aemolo	US	Pending	01- 09- 17	87/5935907/774, 308			01-09-27	5
AEMCOLO/FI G-US-1	S Aenco	US	In allowance	29- 01- 18				29-01-28	5

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RECORDED: 02/24/2020