506918522 10/12/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6965357

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
MIRUM PHARMACEUTICALS, INC.	12/08/2020

RECEIVING PARTY DATA

Name:	MULHOLLAND SA LLC	
Street Address:	950 TOWER LANE, SUITE 1050	
City:	FOSTER CITY	
State/Country:	CALIFORNIA	
Postal Code:	94404	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17498586

CORRESPONDENCE DATA

Fax Number: (212)704-6288

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: 212-704-6000

Email: IPservicesNYC@troutman.com, rosalee.leeds@troutman.com

Correspondent Name: TROUTMAN PEPPER HAMILTON SANDERS LLP

Address Line 1: 875 THIRD AVENUE

Address Line 4: NEW YORK, NEW YORK 10022

ATTORNEY DOCKET NUMBER:	254409.000491	
NAME OF SUBMITTER:	ROSALEE LEEDS	
SIGNATURE:	/Rosalee Leeds/	
DATE SIGNED:	10/12/2021	

Total Attachments: 5

source=491_assignment_part5#page3.tif source=491_assignment_part5#page4.tif source=491_assignment_part5#page5.tif source=491_assignment_part5#page6.tif source=491_assignment_part5#page7.tif

PATENT 506918522 REEL: 057771 FRAME: 0613

NOTICE OF GRANT OF SECURITY INTEREST IN PATENTS

United States Patent and Trademark Office

Ladies and Gentlemen:

Please be advised that pursuant to the Security and Pledge Agreement dated as of December 8, 2020 (as amended, modified, extended, restated, renewed, replaced, or supplemented from time to time, the "Agreement") by and among the Grantors party thereto (each an "Grantor" and collectively, the "Grantors") and Mulholland SA LLC, as Purchaser Agent (the "Purchaser Agent") for the Secured Parties referenced therein, the undersigned Grantor has granted, and hereby grants, a continuing security interest in, and a right to set off against, the patents and patent applications shown on Schedule 1 attached hereto, together with any and all (a) rights and privileges arising under applicable legal requirements with respect to the use of any of the foregoing, (b) inventions and improvements described and claimed therein, (c) reissues, substitutes, reexaminations, divisionals, renewals, extensions, continuations and continuationsin-part thereof and amendments thereto, (d) proceeds, income, fees, royalties, damages and payments now or hereafter due and/or payable thereunder and with respect thereto including damages, claims and payments for past, present or future infringements or other violations thereof, (e) rights to sue for past, present or future infringements or other violations thereof, and (f) rights corresponding thereto (collectively, the "Patent Collateral"), in each case, to the Purchaser Agent for the ratable benefit of the Secured Parties.

The security interest granted pursuant to this Notice is granted in conjunction with the security interest granted to the Secured Parties pursuant to the Agreement, and the undersigned Grantor hereby acknowledges and affirms that the rights and remedies of the Secured Parties with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Notice is deemed to conflict with the Agreement, the provisions of the Agreement shall control.

The undersigned Grantor and the Purchaser Agent, on behalf of the Secured Parties, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (a) may only be terminated in accordance with the terms of the Agreement and (b) is not to be construed as an assignment of any patent or patent application.

This Notice and the transactions contemplated hereby, and all disputes between the parties under or relating to this Notice or the facts or circumstances leading to its execution, whether in contract, tort or otherwise, shall be construed in accordance with and governed by the laws (including statutes of limitation) of the State of New York, without regard to conflicts of law principles that would require the application of the laws of another jurisdiction.

ACTIVE/106076384.2

PATENT REEL: 054398 FRAME: 0912 [Signature page follows]

Very truly yours.

MIRUM PHARMACEUTICALS, INC.

Name: Chemyler Pretz

Title: President and Chief Executive Officer

Signature Page to Notice of Grant of Security Interest in Pagents

PATENT REEL: 054398 FRAME: 0916 Acknowledged and Accepted:

MULHOLLAND SA LLC

as Purchaser Agent

By: OBERLAND CAPITAL HEALTHCARE SOLUTIONS MASTER FUND L.P.

Its Member

By: OBERLAND CAPITAL SOLUTIONS GP LLC

Its General Partner

Name: David Dubinsky

Title: Authorized Person

[Signature Page to Notice of Grant of Security Interest in Patents]

PATENT REEL: 054398 FRAME: 0913

Schedule 1

Serial Number	Status
10,512,657	Issued
15/699,478	Pending
16/679,864	Pending
16/679,894	Pending
16/031,889	Pending
16/696,196	Pending
8,461,312	Issued
16/994,368	Pending

ACTIVE/106076384.2

RECORDED: 12/02/2020

PATENT REEL: 0547398 FRAME: 0916