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TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 ETAS ID: TM425773 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Iroko Pharmaceuticals, LLC		05/01/2017	Limited Liability Company: DELAWARE
Iroko Pharmaceuticals Puerto Rico Corporation		05/01/2017	Corporation: PUERTO RICO

RECEIVING PARTY DATA

Name:	CRG Servicing LLC, as Administrative Agent
Street Address:	1000 Main Street, Suite 2500
City:	Houston
State/Country:	TEXAS
Postal Code: 77002	
Entity Type:	Limited Liability Company: DELAWARE

PROPERTY NUMBERS Total: 2

Property Type	Number	Word Mark
Serial Number:	87268731	NSAIDILEMMA
Serial Number:	86811968	V

CORRESPONDENCE DATA

Fax Number: 4156932222

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: 4156932000

Email: crhem@cooley.com

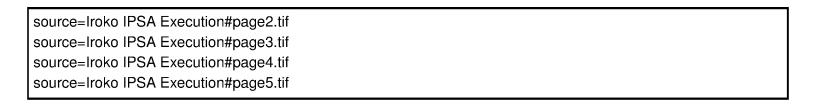
Correspondent Name: Cooley LLP

Address Line 1: 101 California Street, 5th Floor
Address Line 4: San Francisco, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	321831-116
NAME OF SUBMITTER:	C. Rhem
SIGNATURE:	/CR/
DATE SIGNED:	05/01/2017

Total Attachments: 5

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PATENT AND TRADEMARK SECURITY AGREEMENT

May 1, 2017

WHEREAS, each of the undersigned entities (each, a "Grantor"), is party to that certain Security Agreement, dated as of June 27, 2016 (as amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement"; capitalized terms used herein without definition shall have the meanings set forth in the Security Agreement), among the Grantors from time to time party thereto and CRG SERVICING LLC, as administrative agent and collateral agent (in such capacities, together with its successors and assigns, the "Administrative Agent"), pursuant to which each Grantor has granted to each Lender, each other Secured Party and Administrative Agent, for the benefit of the Secured Parties, a lien on all of its personal property, including without limitation the patents and patent applications listed on Schedule A hereto, and the trademarks and trademark applications listed on the Schedule B hereto; and

WHEREAS, it is a condition to the advance of the loans and other obligations secured by the Security Agreement, that the Grantors execute and deliver, and cause to be filed in the U.S. Patent and Trademark Office, this Patent and Trademark Security Agreement.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

As collateral security for the payment in full when due (whether at stated maturity, by acceleration or otherwise) of the Secured Obligations, each Grantor hereby pledges and grants to the Administrative Agent for the benefit of the Secured Parties a security interest in all of Grantor's right, title and interest in, to and under all of the following, as collateral security for the prompt and complete payment and performance when due of all the Secured Obligations (as defined in the Security Agreement):

- (i) all patents and patent applications, in each case whether now owned by each Grantor or hereafter acquired and whether now existing or hereafter coming into existence, including without limitation those listed on **Schedule A** hereto, and all related patents and applications thereto, including all reissuances, continuations, continuations-in-part, revisions, extensions, re-examinations thereof, any patents and patent applications claiming priority to said patents and patent applications or from which said patents and patent applications claim priority, and pending applications associated therewith; and
- (ii) all of the trademarks, whether now owned or at any time hereafter acquired, of each Grantor that are registered with, or for which applications for registration have been filed with, the United States Patent and Trademark Office, including the trademarks listed on **Schedule B** hereto, and all registrations and pending applications associated therewith (excluding any application for registration of a trademark filed on an intent-to-use basis solely to the extent that the grant of a security interest in any such trademark application would materially adversely affect the validity or enforceability of the resulting trademark registration or result in cancellation of such trademark application).

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Notwithstanding the foregoing, in the event of any conflict between this Patent and Trademark Security Agreement and the Security Agreement, the Security Agreement shall control.

This Patent and Trademark Security Agreement and the rights and obligations of the parties hereunder shall be governed by, and construed in accordance with, the law of the State of New York, without regard to principles of conflicts of laws that would result in the application of the laws of any other jurisdiction; *provided* that Section 5-1401 of the New York General Obligations Law shall apply.

[Signatures to follow]

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IN WITNESS WHEREOF, each Grantor has caused this Patent and Trademark Security Agreement to be duly executed and delivered as of the day and year first above written.

IROKO PHARMACEUTICALS, LLC, as Grantor

By The Claim Rame: FRED RRIEGER

Title:

IROKO PHARMACEUTICALS PUERTO RICO CORPORATION, as Grantor

By Franc (Cingan Name: 1/2/ES 1/EGEN Title: //

Schedule A to Patent and Trademark Security Agreement

PATENTS AND PATENT APPLICATIONS

None.

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RECORDED: 05/01/2017

Schedule B

to Patent and Trademark Security Agreement

TRADEMARKS AND TRADEMARK APPLICATIONS

Marks Owned by Iroko Pharmaceuticals LLC

	NSAIDILEMMA	Mark
	United States	Country
2016	December 14,	Filing Date
	87268731	Appl No
		Reg Date
		Reg No
		Status
LLC	Iroko Pharmaceuticals	Owner
LLC	Iroko Pharmaceuticals	Owner of Record

Marks Owned by Iroko Pharmaceuticals Puerto Rico Corporation

		2015	United States November 6, 86811968	Country Filing Date Appl No	
				Reg Date	
				Reg No	
				Status	
	Corporation	Puerto Rico	Iroko Pharmaceuticals	Owner	
Corporation	Puerto Rico	Pharmaceuticals	Iroko	Owner of Record	

Mark V

TRADEMARK

REEL: 006045 FRAME: 0562