

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5397173

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	F. HOFFMAN-LA ROCHE AG	10/21/2011
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ARROWHEAD RESEARCH CORPORATION	
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<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	91101	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15241733
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<b>ATTORNEY DOCKET NUMBER:</b>	41790-0008RE1	
<b>NAME OF SUBMITTER:</b>	LAKEISHA BRYANT	
<b>SIGNATURE:</b>	/Lakeisha Bryant/	
<b>DATE SIGNED:</b>	02/28/2019	
<b>Total Attachments: 7</b>		
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## General Assignment


F. Hoffmann-La Roche Ltd (Assignor)  
a Swiss corporation  
Grenzacherstrasse 124  
4070 Basel  
Switzerland

Hereby assigns the entire right, title and interest in and to the patent applications/patents listed in the attached Appendix, including statutory invention registrations, reissues, divisions, continuations, continuations-in-part, supplementary protection certificates, extensions and re-examinations thereof, all inventions disclosed therein, all rights therein provided by international treaties and conventions, and all rights to obtain and file for patents and registrations thereto in any country of the world, to

### Arrowhead Research Corporation

Basel, Switzerland

F. Hoffmann-La Roche Ltd

By: 

Name: GUIDO KAISER

Title: LEGAL REPRESENTATIVE

By:  i.v.

Name: PETER TRYBUS

Title: LEGAL REPRESENTATIVE

Pasadena, California

Arrowhead Research Corporation

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

# General Assignment

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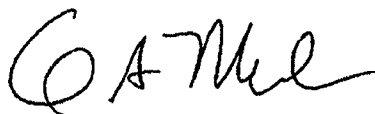
**Arrowhead Research Corporation**

Basel, Switzerland

**F. Hoffmann-La Roche Ltd**

Pasadena, California

**Arrowhead Research Corporation**



KENNETH A. Myszkowski

CRD

## Appendix - Assigned Basel Patents

<u>Family</u>	<u>Title</u>	<u>Case</u>	<u>Country</u>	<u>Status</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Patent No.</u>	<u>Issue Date</u>
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<u>Family</u>	<u>Title</u>	<u>Case</u>	<u>Country</u>	<u>Status</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Patent No.</u>	<u>Issue Date</u>
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<u>Family</u>	<u>Title</u>	<u>Case</u>	<u>Country</u>	<u>Status</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Patent No.</u>	<u>Issue Date</u>
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