503848361 05/31/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Christine E. Brown	10/22/2014
Stephen J. Forman	10/22/2014

RECEIVING PARTY DATA

Name:	CITY OF HOPE NATIONAL MEDICAL CENTER	
Street Address:	1500 E. DUARTE ROAD	
City:	DUARTE	
State/Country:	CALIFORNIA	
Postal Code:	91010	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15167869

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: (617) 542-5070 Email: apsi@fr.com

Correspondent Name: ANITA L. MEIKLEJOHN Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	40056-0002001	
NAME OF SUBMITTER:	MARY FLORCZAK	
SIGNATURE:	/Mary Florczak/	
DATE SIGNED:	05/31/2016	

Total Attachments: 2

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> **PATENT REEL: 038748 FRAME: 0543** 503848361

Attorney Docket No.: 40056-0002P01

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>CHRISTINE E. BROWN</u>, and <u>STEPHEN J. FORMAN</u>, each individually assign to <u>CITY OF HOPE NATIONAL MEDICAL CENTER</u>, a corporation having a principal place of business at <u>1500 E. Duarte Road</u>, <u>Duarte California 91010</u>, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "<u>IL13RA2 TARGETED CHIMERIC ANTIGEN RECEPTOR T CELLS</u>", and was filed in the United States Patent and Trademark Office on <u>September 19</u>, 2014, as application <u>62/053,068</u> (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

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documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Christine E. Brown	_ Date: <u> </u>
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	
Marinan Stephen J. Forman	Date: <u>10 - 22 - 2014</u>
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	
The Assignee hereby acknowledges and ac	mpp.
Assignee: CTTY OF HOPE NA NONAE A	
Signature	Date: <u>/0/27/14</u>
Name: Lory A. Conve	<u> </u>
Title: VP CATO	
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