PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALLAN B. DIETZ	06/11/2013
MICHAEL P. GUSTAFSON	06/06/2013
YI LIN	06/11/2013

RECEIVING PARTY DATA

Name:	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH	
Street Address:	200 FIRST STREET S.W.	
City:	ROCHESTER	
State/Country:	MINNESOTA	
Postal Code:	55905	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14889086

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: 612-335-5070 **Email:** apsi@fr.com

Correspondent Name: FISH & RICHARDSON P.C. Address Line 1: 60 SOUTH SIXTH STREET

Address Line 2: 3200 RBC PLAZA

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	07039-1255US1	
NAME OF SUBMITTER: J. PATRICK FINN III, PH.D., REG.# 44,109		
SIGNATURE:	/J. Patrick Finn III, Reg. No. 44,109/	
DATE SIGNED:	01/27/2016	

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PATENT REEL: 037598 FRAME: 0148

Attorney Docket No.: 07039-1255P01/2010-155

ASSIGNMENT

For valuable consideration, we, Allan B. Dietz, of 1301 3rd Street S.W., Chatfield, MN 55923; Michael P. Gustafson, of 4712 Canterbury Ct N.W., Rochester MN 55901; and Yi Lin, of 2100 28th Street S.E., Rochester, MN 55904; hereby assign to MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, a corporation of Minnesota, having a place of business at 200 First Street S.W., Rochester, MN 55905, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent, entitled TREATING PATIENTS BASED ON IMMUNE SUBTYPES, filed May 9, 2013, and assigned U.S. Serial Number 61/821,655, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

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Attorney Docket No.: 07039-1255P01/2010-155

STATE OF Monnesora) SS.
COUNTY OF DIMSTERS

On June 11, 2013, before me, the undersigned, a notary public for the State of Minesota, there personally appeared ALLAN B. DIETZ personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

CAROLE MARIE WOLFE Notary Public-Minnesota My Commission Expires Jan 31, 2014

DATE: June 6, 2013

MICHAEL P. GUSTAFSOX

STATE OF MINNESOTA

COUNTY OF SIMSTER

On June 10, 2013, before me, the undersigned, a notary public for the State of winner of the P. GUSTAFSON personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

KRISTI RENE HIMLE
Notary Public-Minnesota
My Commission Expires Jan 31, 2018

Notary Public

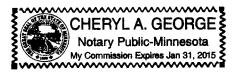
Attorney Docket No.: 07039-1255P01/ 2010-155

DATE: 6/11/2013.

STATE OF Minnesota) SS
COUNTY OF Olmsted)

on <u>June 11, 2013</u>, before me, the undersigned, a notary public for the State of <u>Minnesota</u>, there personally appeared YI LIN personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.



Notary Public

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RECORDED: 01/27/2016

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