505367133 03/11/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARIA GRAZIA MONTRASIO	03/27/2014
Fabio Montrasio	03/27/2014
Jan Grimm	03/28/2014
JEAN-LUC BAERISWYL	03/27/2014
Paul Weinreb	03/24/2014
Janaky Coomaraswamy	04/16/2014
OMAR QUINTERO-MONZON	04/17/2014

RECEIVING PARTY DATA

Name:	BIOGEN IDEC INTERNATIONAL NEUROSCIENCE GMBH
Street Address:	WAGISTRASSE 13
City:	SCHLIEREN
State/Country:	SWITZERLAND
Postal Code:	8952

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16284602	

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: JOSEPH J. KOIPALLY
Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	13751-0251003
NAME OF SUBMITTER:	CAROL TYRRELL
SIGNATURE:	/Carol Tyrrell/
DATE SIGNED:	03/11/2019

505367133 PATENT REEL: 048556 FRAME: 0517

Total Attachments: 8 source=137510251003Assignment_Inventors_to_BIING#page1.tif source=137510251003Assignment_Inventors_to_BIING#page2.tif source=137510251003Assignment_Inventors_to_BIING#page3.tif source=137510251003Assignment_Inventors_to_BIING#page4.tif source=137510251003Assignment_Inventors_to_BIING#page5.tif source=137510251003Assignment_Inventors_to_BIING#page6.tif source=137510251003Assignment_Inventors_to_BIING#page7.tif source=137510251003Assignment_Inventors_to_BIING#page8.tif

PATENT REEL: 048556 FRAME: 0518

ASSIGNMENT

For valuable consideration, we, <u>Maria Grazia Barenco MONTRASIO</u>, of Schindellegi, <u>Switzerland</u>, <u>Jan GRIMM</u>, of <u>Duebendorf</u>, <u>Switzerland</u>, <u>Jean-Luc BAERISWYL</u>, of <u>Zurich</u>, <u>Switzerland</u>, <u>Fabio MONTRASIO</u>, of <u>Schindellegi</u>, <u>Switzerland</u>, <u>Paul WEINREB</u>, of <u>Andover</u>, <u>Massachusetts</u>, <u>Janaky COOMARASWAMY</u>, of <u>Zurich</u>, <u>Switzerland</u>, and <u>Omar Quintero-Monzon</u>, of <u>Waltham</u>, <u>Massachusetts</u> hereby assign to <u>Biogen Idec International Neuroscience</u> <u>GmbH</u>, a corporation of <u>Switzerland</u> having a place of business at:

Wagistrasse 13 8952 Schlieren, Switzerland,

and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an international patent application under the Patent Cooperation Treaty entitled TDP-43 Specific Binding Molecules, filed October 26, 2012, and assigned International Application Number PCT/IB2012/002905, claiming priority to United States Provisional Application No. 61/553,113, filed on October 28, 2011, this assignment including said application, any and all United States and foreign utility patents and patent applications, including continuation, continuation-in-part, divisional, reissue, and reexamination applications, 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 names 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.

Assignment Page 1 of 8

PATENT REEL: 048556 FRAME: 0519

Attorney Docket No: 2159.362PC01/EKS/MIG

Date: 23.3 M Signature of Inve	ntor: MfgQz	Seer Mehosó	
	J Z	Maria Grazia Bar	enco
		MONTRASIO	
STATE OF			
STATE OF) SS.)		
Before me this	day of	, 20	, personally
appeared Maria Grazia Barenc	o MONTRASIO	known to me to be the pers	on whose name is
subscribed to the foregoing Assi	gnment, proved to	me through satisfactory evi	idence of
identification in the form of		, and ackno	wledged that
he/she executed the same as his/			
	Notary P	Public	The state of the s
	•	mission Expires:	
[Notary's Seal Here]	,		
Rumourann Olivia 27,3,14 Breich	Wivi	ger Stangiska 8 14 Zunich	
QAZZ		Sayou (his-

Date: Mach 28, 2	0/4 Signature of In		: 2159.362PC01/EKS/MIG
		// Jan GRIMM	
Before me this	day of	, 20	, personally
appeared Jan GRIMM known			
Assignment, proved to me thro	ugh satisfactory evide	nce of identification in the	he form of
	, and acknowl	edged that he/she execut	ed the same as
his/her free act and deed for the	purposes therein con	tained.	
	-		
	Notary Pu		
	My Comm	nission Expires:	
[Notary's Seal Here]			
1.021			
Witnesses:			
		1 1/1	
Mat		J. W. LU	MM Sedsmann
Ihristine Frei		Michael.	Salzmann
Adione March 18 2	D14		March 28, 2014

Attorney Docket No: 2159,362PC01/BKS/MIG

Date: 27. MARCH 2014	Signature of Inventor:
	Jean-Luc BAERISWYL
	And the state of t
Before me this 2774	day of MARCH, 2014, personally
appeared Jean-Luc BAERISWYL	known to me to be the person whose name is subscribed to
the foregoing Assignment, proved t	to me through satisfactory evidence of identification in the
form of	, and acknowledged that he/she executed the same
as his/her free act and deed for the p	ourposes therein contained.
	Notary Public
	My Commission Expires:
[Notary's Seal Here]	
WITNESSES	· A
11162262	RACHEL BAERISWYL
	RACHEL BAFRICION
	March 27, 2014
	BAERISWYL
	JEAN-PERRE BAERISWYLL March 27, 2014

Date: 27.3.2614	Signature of Inventor:	Tabie	Monstranie
		Fabio M	ONTRASIO
Before me this	day of	, 20	, personally
appeared Fabio MONTRASIO k	mown to me to be the pers	on whose n	ame is subscribed to the
foregoing Assignment, proved to	me through satisfactory ev	vidence of i	dentification in the form
of	, and acknowledge	ed that he/sh	e executed the same as
his/her free act and deed for the p	urposes therein contained.		
	Notary Public		
	My Commission	Expires:	
[Notary's Seal Here]	•	•	
Witnesses:			
Petra Borter		Nicole	Cavegn
P.Bek		<i>M:</i>	MGT -
Schlier		Schlien	n 27.3. 2014
Schlieren, 27.3.2014		JUNIEVE	n, et. 3. 2014

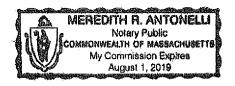
Attorney Docket No: 2159.362PC01/EKS/MIG

,		Paul WEINREB
Date: Murch 24, 2014	Signature of Inventor:	Tau Mi

> Meredith & antonelli Notary Public

My Commission Expires: Aug 1 2019

[Notary's Seal Here]



Attorney Docket No. 2159.362PC01/EKS/MIG

Date: <u>APRIL 16, 2014</u>	Signature of Inver	ntor: <u> </u>	Jana)
		Janaky COO	MARASWAMY
Before me this	day of	, 20	, personally
appeared Janaky COOMARAS			
subscribed to the foregoing Assig	nment, proved to me t	hrough satisfactory e	vidence of
identification in the form of		, and ackr	nowledged that
he/she executed the same as his/h	er free act and deed fo	or the purposes therein	ı contained.
	N. 4 D. 1.12		
	Notary Publi		
	My Commis	sion Expires:	
[Notary's Seal Here]			
Witness:	Date:	16.4.19	
Printed Name:	B1001		
Witness:Printed Name:		16.04.14	
rimited ivaline	Dr. CH		

Attorney Docket No: 2159,362PC01/EKS/MIG

My Commission Expires:

BETHANY L. KEATING
Notary Public
COMMONWEATTM OF MASSACHUSETTS
My Commission Expires
January 25, 2019

[Notary's Seal Here]

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Assignment Page 8 of 8

PATENT REEL: 048556 FRAME: 0526

RECORDED: 03/11/2019