506227265 08/28/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6274009

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
C. Giovanni Traverso	08/13/2020
Kenneth W. Kinzler	08/14/2020
Bert Vogelstein	08/14/2020

RECEIVING PARTY DATA

Name:	THE JOHNS HOPKINS UNIVERSITY	
Street Address:	3400 NORTH CHARLES STREET	
City:	BALTIMORE	
State/Country:	MARYLAND	
Postal Code:	21218	

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	11703821
Application Number:	10307505
Application Number:	13049521
PCT Number:	US2002036143

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: +1 (612) 766-2082

krahler@fr.com, apsi@fr.com Email: **CAMERON M. LUITJENS Correspondent Name:** FISH & RICHARDSON P.C. Address Line 1:

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	44807-0016002
NAME OF SUBMITTER:	NIKKI KRAHLER
SIGNATURE:	/Nikki Krahler/
DATE SIGNED:	08/28/2020

Total Attachments: 4 source=44807-0016xxx_Assignment#page1.tif source=44807-0016xxx_Assignment#page2.tif

source=44807-0016xxx_Assignment#page3.tif source=44807-0016xxx_Assignment#page4.tif

Attorney Docket No.: 44807-0016001 / P03924-xx

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>C. GIOVANNI TRAVERSO</u>, <u>KENNETH W. KINZLER</u>, and <u>BERT VOGELSTEIN</u>, each individually assign to <u>THE JOHNS HOPKINS UNIVERSITY</u>, a corporation formed under the laws of <u>Maryland</u> and having a principal place of business at <u>3400 North Charles Street</u>, <u>Baltimore</u>, <u>MD 21218</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 invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "<u>DISEASE DETECTION BY PROTEIN TRUNCATION ASSAYS</u>," and was filed in the United States Patent and Trademark Office on <u>December 4</u>, 2002, as application <u>PCT/US2002/036143</u>; on <u>December 2</u>, 2002, as application <u>10/307,505</u>; on <u>February 8</u>, 2007, as application <u>11/703,821</u>; and on <u>March 16</u>, 2011, as application <u>13/049,521</u> (the "Application").

This Assignment assigns, in addition to the Subject Matter, (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 and under every treaty or convention, (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.

To the extent any portion of the rights assigned by this Assignment has previously been assigned to the Assignee, this Assignment is a confirmation of the previous 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.

Assignment Page 1 of 4

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 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.

C. Giovanni Traverso	Date:08/13/2020
Witnessed by:	
Signature Linex Linex back	Date:08/13/2020
Print Name: Katherine Eisenbach	
Signature:	Date: 08/13/2020
Print Name: Vanessa Fuentes	

Print Name:

\	Attorney Docket No.: 44807-0016001 / P03924
bei 40	- Date: <u>* </u>
Bert Vogelstein	• •
Witnessed by: Signature: <u>/ (a / Lane a / lane</u>	Date: 08/13/2020
Print Name: Kathleen Helwig	
Signature:	Date:
Print Name:	<u></u>
The Assignee hereby acknowledges	and accepts the foregoing assignment.
	and accepts the foregoing assignment. JNIVERSITY
Assignee: THE JOHNS HOPKINS (JNIVERSITY
Assignee: THE JOHNS HOPKINS (Signature:	JNIVERSITY Date:
Assignee: THE JOHNS HOPKINS (JNIVERSITY Date:

62387795,doc

Assignment Page 4 of 4