505570332 07/15/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5617129

SUBMISSION TYPE:	YPE: NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
David G. Welkie	07/11/2019
Tong Chen	07/12/2019

RECEIVING PARTY DATA

Name:	PERKINELMER HEALTH SCIENCES, INC.	
Street Address:	940 WINTER STREET	
City:	WALTHAM	
State/Country:	MASSACHUSETTS	
Postal Code:	02451	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16033927
PCT Number:	US2019041540

CORRESPONDENCE DATA

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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: (212) 641-2285

Email: apsi@fr.com

Correspondent Name: RICHARD WONG

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Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 25947-0060001

NAME OF SUBMITTER: MARY FLORCZAK

SIGNATURE: /Mary Florczak/

DATE SIGNED: 07/15/2019

Total Attachments: 4

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PATENT 505570332 REEL: 049747 FRAME: 0728

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PATENT REEL: 049747 FRAME: 0729

Attorney Docket No.: 25947-0060001 / 2017-036US1

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>DAVID G. WELKIE</u>, and <u>TONG CHEN</u>, each individually assign to <u>PERKINELMER HEALTH SCIENCES, INC.</u>, a corporation formed under the laws of <u>Delaware</u> and having a principal place of business at <u>940 Winter Street, Waltham, MA 02451</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>DYNAMIC ELECTRON IMPACT ION SOURCE</u>," and was filed in the United States Patent and Trademark Office on <u>July 12, 2018</u>, as application <u>16/033,927</u> (the "Application") and was filed on <u>July 12, 2019</u>, as application <u>PCT/US2019/041540</u> (the "Application").

This Assignment assigns, in addition to the Subject Matter of the Application, (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.

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

Assignment Page 1 of 3

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.

Witnessed by:

MW Whie Date: 7/11/2019

Muchie Date: 4/11/2019

Date: 4/11/2019

Signature: Oly MMO Date: 7/11/2019

Print Name: Askley Mokris

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Attorney Docket No.: 25947-0060001 / 2017-036US1

Torse Chen TONG CHEN	Date: 7/12/2019
Witnessed by:	
Signature:	Date: 7-12-19
Print Name: <u>DuiRec Savoy</u>	3
Signature:	Date:
Print Name: <u>Cola Mardon</u>	
The Assignee hereby acknowledges and acco	epts the foregoing assignment.
Assignee: PERKINELMER HEALTH SCIE	NCES, INC.
Signature:	Date:
Name:	
Title:	

Assignment Page 3 of 3

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Attorney Docket No.: 25947-9660001 / 2017-036US1

	Date:
FONG CHEN	
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	
The Assignee hereby acknowledges and a	coesses the forecoing ancienning
Assignee: PERKINETMER HEALTH SC	
	idacid, iac. Ž
ignature:	Date: <u>July 12, 2019</u>
iame: <u>John k. Healy</u>	
Title:Director, Vice President & Se	acratan
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