# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YEVGENIY ZHUK	08/17/2021
JAE C. SCHWARTZ	08/03/2021

### **RECEIVING PARTY DATA**

Name:	THERMO FINNIGAN LLC
Street Address:	355 RIVERS OAKS PARKWAY
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16306238

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	TP20176US1-PCT(L)
NAME OF SUBMITTER:	KURT T. BUECHLE
SIGNATURE:	/Kurt T. Buechle/
DATE SIGNED:	08/18/2021

**Total Attachments: 3** 

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PATENT 506824264 REEL: 057216 FRAME: 0462

### ASSIGNMENT

WHEREAS WE, Yevgeniy ZHUK of Foster City, CA 94404; and Jae C. SCHWARTZ of Gilroy, CA 95020; (individually an "Assignor" and collectively the "Assignors") have invented certain new and useful improvements, entitled **DEVICES**, **SYSTEMS**, **AND METHODS FOR DISSOCIATION OF IONS USING LIGHT EMITTING DIODES** for which invention we have executed an application for Letters Patent in the United States, the application arising out of U.S. Serial No. 62/345,546, filed on June 3, 2016; and International Patent Application No. PCT/US2017/035689, filed June 2, 2017; and/or being identifiable in the U.S. Patent and Trademark Office as Serial No. 16/306,238, filed on Nov. 30, 2018.

Whereas, THERMO FINNIGAN LLC, a limited liability company formed in the State of Delaware, having a place of business at 355 River Oaks Parkway, San Jose, California 95134 (the "Assignee") is desirous of acquiring the entire right, title, and interest in and to said invention, said application and the Letters Patent to be obtained therefor;

Now, therefore, for good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we hereby sell, assign, and set over unto the Assignee and the Assignee's successors, assigns, and designees, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the Assignee.

We hereby authorize the Assignee or its legal representative to insert in this instrument the filing date and serial number of our said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Upon said consideration, we convey to the Assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of said United States application (or other application if any there be) in priority to other applications; and we do hereby covenant and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with our obligations set forth in this instrument, and that we will at any time upon request, at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, renewal, continuation, continuation-in-part, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such application or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties. We hereby agree that the transfer of rights made by this instrument is effective as of the filing date of the application written above.

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FOR THE ASSIGNORS:		
/ YevzeniyZHUK /	2021-Aug-17	
Yevgeniy ZHUK, Assignor	Date	
Jae C. SCHWARTZ, Assignor	2021-Aug-03	
Jae C. SCHWARTZ, Assignor	Date	

EOD	THE	ACCT	GNEE:
HU JK	I HE	A.5.51	CTINEE

As an authorized representative of the Assignee, I hereby accept the assignment on behalf of the Assignee according to the terms set forth above.

/ Charles Eatz /
Charles B. Katz, IP Counsel

2021-Aug-18

Date