

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PATI300083

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Release of Security Interest in Patents at R/F 058808/0959

**CONVEYING PARTY DATA**

Name	Execution Date
Aether Financial Services SAS, as Security Agent	06/13/2024

**RECEIVING PARTY DATA**

<b>Company Name:</b>	Photonis Scientific, Inc.
<b>Street Address:</b>	600 Main Street
<b>City:</b>	Sturbridge
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01566

**PROPERTY NUMBERS Total: 43**

Property Type	Number
Application Number:	16460300
Application Number:	16795077
Patent Number:	9425030
Patent Number:	6828729
Patent Number:	7026177
Patent Number:	6958474
Patent Number:	7141787
Patent Number:	7154086
Patent Number:	7081618
Patent Number:	8084732
Patent Number:	7555185
Patent Number:	7038223
Patent Number:	7695978
Patent Number:	6239549
Patent Number:	5770858
Patent Number:	5440115
Patent Number:	5625459
Patent Number:	5550945
Patent Number:	6384519
Patent Number:	6045677

PATENT

Property Type	Number
Patent Number:	5914561
Patent Number:	5997713
Patent Number:	6492657
Patent Number:	6060708
Patent Number:	5726076
Patent Number:	5568013
Patent Number:	5618217
Patent Number:	5378960
Patent Number:	5544772
Patent Number:	5569355
Patent Number:	7791038
Patent Number:	7990032
Patent Number:	8221181
Patent Number:	8445858
Patent Number:	8445861
Patent Number:	8507872
Patent Number:	8766206
Patent Number:	8835864
Patent Number:	8884237
Patent Number:	9082907
Patent Number:	9297914
Patent Number:	9651688
Patent Number:	9941438

#### CORRESPONDENCE DATA

**Fax Number:** 2127514864

*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.*

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**Email:** jess.bajada-bartlett@lw.com

**Correspondent Name:** Mrs. Jessica Bajada-Bartlett

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**Address Line 4:** New York, NEW YORK 10020

<b>ATTORNEY DOCKET NUMBER:</b>	036001-0082
<b>NAME OF SUBMITTER:</b>	Jessica Bajada-Bartlett
<b>SIGNATURE:</b>	Jessica Bajada-Bartlett
<b>DATE SIGNED:</b>	06/14/2024

**Total Attachments: 5**

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source=240613\_Exosens\_Photonis\_Release\_of\_Security\_Interest\_in\_Patents\_[Exec]#page4.tif  
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## **RELEASE OF SECURITY INTEREST IN PATENTS**

This RELEASE OF SECURITY INTEREST IN PATENTS (this “Release”) is made as of June 13, 2024, by AETHER FINANCIAL SERVICES SAS, as security agent for the Secured Parties (in such capacity, the “Security Agent”), in favor of PHOTONIS DEFENSE, INC., PHOTONIS SCIENTIFIC INC., and PHOTONIS HOLDING INC. (each, a “Grantor” and collectively, the “Grantors”). Capitalized terms used but not defined herein have the meanings given to them (including by reference) in the Security Agreement (as defined below).

WHEREAS, the Grantors and the Security Agent are party to (i) that certain Pledge and Security Agreement, dated as of January 28, 2022 (as amended, restated, amended and restated, supplemented, waived or otherwise modified from time to time, the “Security Agreement”), and (ii) that certain Patent Security Agreement (Short-Form), dated as of January 28, 2022 (the “Patent Security Agreement”), pursuant to which each Grantor granted to the Security Agent its successors and permitted assigns, for the benefit of the Secured Parties, a continuing security interest in and continuing lien on, all of such Grantor’s right, title and interest in or to the Patent Collateral (as defined in the Patent Security Agreement), including the patents and patent applications listed on Schedule I hereto;

WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office on January 28, 2022 at Reel/Frame: 058809/0096 (Photonis Defense, Inc.) and Reel/Frame: 058808/0959 (Photonis Scientific Inc.); and

WHEREAS, the Grantors have requested that the Security Agent execute and deliver this Release to evidence the release of its security interest in the Patent Collateral for filing and recordation with the United States Patent and Trademark Office.

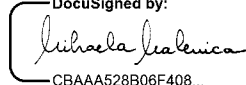
NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Security Agent, without any representation, warranty or recourse of any kind or nature, hereby releases and terminates its security interest in and lien on the Patent Collateral, and re-assigns and re-conveys to the Grantors (as applicable) any and all right, title or interest the Security Agent may have in or to the Patent Collateral.

The words “execution,” “signed,” “signature,” “delivery,” and words of like import in or relating to any document to be signed in connection with this Release and the transactions contemplated hereby shall be deemed to include Electronic Signatures, deliveries or the keeping of records in electronic form, each of which shall be of the same legal effect, validity or enforceability as a manually executed signature, physical delivery thereof or the use of a paper-based recordkeeping system, as the case may be, to the extent and as provided for in any applicable law, including the Federal Electronic Signatures in Global and National Commerce Act, the New York State Electronic Signatures and Records Act, or any other similar state laws based on the Uniform Electronic Transactions Act.

*[Signature Page Follows]*

IN WITNESS WHEREOF, the Security Agent has caused this Release to be executed by its duly authorized officer as of the date first set forth above.

**AETHER FINANCIAL SERVICES SAS,**  
as Security Agent

By:  CBAAA528B06F408...  
Name: mihaela malenica  
Title: authorised signatory

## **Schedule I**

### **U.S.A. Patents**

PATENTS OWNED BY PHOTONIS SCIENTIFIC, INC.		
TITLE	EXPIRATION DATE	PATENT NO.
DIFFERENTIAL COATING OF HIGH ASPECT RATIO OBJECTS THROUGH METHODS OF REDUCED FLOW AND DOSING VARIATIONS	N/A (PENDING)	16460300
ELECTROSTATIC SUPPRESSION OF ION FEEDBACK IN A MICROCHANNEL PLATE PHOTOMULTIPLIER		9425030
ELECTROSTATIC SUPPRESSION OF ION FEEDBACK IN A MICROCHANNEL PLATE PHOTOMULTIPLIER	1-JUL-35	9425030B2
BIPOLAR TIME OF FLIGHT DETECTOR, CARTRIDGE & DETECTION METHOD	16-JUN-22	6828729
DIVISION 6828729 BIPOLAR TIME OF FLIGHT DETECTOR, CARTRIDGE & DETECTION METHOD	16-MAR-21	7026177
DETECTOR FOR A BIPOLAR TIME-OF-FLIGHT MASS SPECTROMETER	16-MAR-21	6958474
CO-AXIAL TIME OF FLIGHT DETECTOR (BIPOLAR)	17-MAY-25	7141787
CONDUCTIVE TUBE FOR USE AS A REFLECTRON LENS (RESISTIVE GLASS)	8-MAR-24	7154086
ION MOBILITY SPECTROMETER (RESISTIVE GLASS)	24-MAR-24	7081618
RESISTIVE GLASS STRUCTURES USED TO SHAPE ELECTRIC FIELDS IN ANALYTICAL INSTRUMENTS & RESISTIVE GLASS	12/22/2029	8084732
MICROCHANNEL PLATE HAVING MOUNTING PAD SEGMENTS	1-SEP-25	7555185
CONTROLLED CHARGE NEUTRALIZATION OF ION-IMPLANTED ARTICLES	5-APR-24	7038223
MALDI TARGET PLATE UTILIZING MICRO-WELLS	31-JAN-27	7695978
ELECTRON MULTIPLIER ELECTRON SOURCE AND IONIZATION SOURCE USING IT	9-JAN-18	6239549
MICROCHANNEL PLATE-BASED DETECTOR FOR TIME OF FLIGHT MASS SPECTROMETER	28-FEB-17	5770858

ZENER DIODE BIASED ELECTRON MULTIPLIER WITH STABLE GAIN CHARACTERISTIC	5-APR-14	5440115
DIFFUSE REFLECTANCE PROBE (DISCONTINUED)	3-MAR-15	5625459
INTEGRATED IMAGE CONDUIT AND ILLUMINATION	11-MAY-15	5550945
MICRO-DYNODE INTEGRATED ELECTRON MULTIPLIER	30-OCT-17	6384519
MICROPOROUS MICROCHANNEL PLATES AND METHOD OF MANUFACTURING SAME	1-FEB-17	6045677
SHORTENED PROFILE PHOTOMULTIPLIER TUBE WITH FOCUSING ELECTRODE		5914561
FLEXIBLE LEAD ASSEMBLY FOR MICROCHANNEL PLATE BASED DETECTOR	17-AUG-13	806495
SILICON ETCHING PROCESS FOR MAKING MICROCHANNEL PLATES	8-MAY-18	5997713
INTEGRATED SEMICONDUCTOR MICROCHANNEL PLATE AND PLANAR DIODE ELECTRON FLUX AMPLIFIER AND COLLECTOR	27-JAN-20	6492657
CORONA GENERATING DEVICE WITH UNITARY REMOVABLE SHIELD	8-JUL-18	6060708
METHOD OF MAKING THIN-FILM CONTINUOUS DYNODES FOR ELECTRON MULTIPLICATION	10-MAR-15	5726076
MIRO-FABRICATED ELECTRON MULTIPLIERS	29-JUL-14	5568013
METHOD OF FABRICATION OF DISCRETE DYNODE ELECTRON MULTIPLIERS	25-JUL-15	5618217
METHOD OF MANUFACTURING THIN FILM CONTINUOUS DYNODE FOR ELECTRON MULTIPLIER	12-JUL-13	5378960
FABRICATION OF A MICROCHANNEL PLATE FROM A PERFORATED SILICON	25-JUL-15	5544772
METHOD FOR FABRICATION OF MICROCHANNEL ELECTRON MULTIPLIERS	11-JAN-15	5569355
NEUTRON DETECTION		7791038
ELECTRON MULTIPLIERS AND MICROCHANNEL PLATES		7990032
ELECTRON MULTIPLIERS AND MICROCHANNEL PLATES		8221181
NEUTRON DETECTION AND COLLIMATION		8445858
NEUTRON DETECTION BASED ON INDUCED CHARGES		8445861
NEUTRON DETECTION		8507872
NEUTRON DETECTION BASED ON ENERGY SPECTRUM CHARACTERISTICS		8766206
NEUTRON DETECTION		8835864

NEUTRON DETECTION		8884237
NEUTRON DETECTION AND COLLIMATION		9082907
NEUTRON DETECTION		9297914
NEUTRON DETECTION		9651688
NEUTRON DETECTION		9941438
NEUTRON IMAGING SYSTEM HAVING NEUTRON SHIELD		16/795077

PATENTS OWNED BY PHOTONIS DEFENSE, INC.	
Title	Patent No.
Stress Relieved Filament Support Assembly	6,191,527
Integrated Semiconductor Microchannel Plate and Planar Diode Electron Flux Amplifier and Collector	6,492,657
Diamond Transmission Dynode and Photomultiplier or Imaging Device Using Same	6,657,385
Electrostatic Suppression of Ion Feedback in a Microchannel Plate Photomultiplier	9,425,030
Mounting System and Method for Night Vision Tubes	9,791,320
Optical system retaining system for vision augmenting system	10746954
Optical alignment system	10234674

PATENT APPLICATIONS OWNED BY PHOTONIS DEFENSE, INC.	
Title	Application No.
Optical Retaining System for Vision Augmenting System	15/346,993
Mounting System and Method for Night Vision Tubes	14/794,543
Optical Alignment System	14/924,417