

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT8221876

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	PATENT SECURITY AGREEMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ULTRA ELECTRONICS FORENSIC TECHNOLOGY INC.	09/01/2023
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BARINGS FINANCE LLC
<b>Street Address:</b>	300 S. TRYON STREET,
<b>Internal Address:</b>	SUITE 2500
<b>City:</b>	CHARLOTTE
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	28202
<b>PROPERTY NUMBERS Total: 11</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17995498
Application Number:	18035642
Application Number:	13080761
Application Number:	13098758
Application Number:	13151538
Application Number:	16312520
Application Number:	10913508
Application Number:	11140090
Application Number:	12466847
Application Number:	17595195
Application Number:	10790344
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	3124564206
<b>Email:</b>	rsiddiqui@sidley.com
<b>Correspondent Name:</b>	RAZA SIDDIQUI
<b>Address Line 1:</b>	ONE SOUTH DEARBORN
<b>Address Line 2:</b>	SIDLEY AUSTIN LLP

<b>Address Line 4:</b> CHICAGO, ILLINOIS 60603	
<b>ATTORNEY DOCKET NUMBER:</b>	034632-31170
<b>NAME OF SUBMITTER:</b>	RAZA SIDDIQUI
<b>SIGNATURE:</b>	/razasiddiqui/
<b>DATE SIGNED:</b>	10/16/2023
<b>Total Attachments: 6</b> source=Canadian Patent Security Agreement - Updated (Executed Compiled)#page1.tif source=Canadian Patent Security Agreement - Updated (Executed Compiled)#page2.tif source=Canadian Patent Security Agreement - Updated (Executed Compiled)#page3.tif source=Canadian Patent Security Agreement - Updated (Executed Compiled)#page4.tif source=Canadian Patent Security Agreement - Updated (Executed Compiled)#page5.tif source=Canadian Patent Security Agreement - Updated (Executed Compiled)#page6.tif	

## PATENT SECURITY AGREEMENT

This **PATENT SECURITY AGREEMENT**, dated as of September 1, 2023 (this "**Agreement**"), is made by the Grantor (as identified below), in favour of Barings Finance LLC, as the Collateral Agent for the Secured Parties (in such capacity, together with its successors and assigns, the "**Collateral Agent**").

**WHEREAS, ULTRA ELECTRONICS FORENSIC TECHNOLOGY INC.** ("**Grantor**") owns the Patent Collateral (as defined below);

**WHEREAS**, the Grantor is party to a Canadian Security Agreement, dated as of September 1, 2023 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "**Canadian Security Agreement**"), by and among the Grantor, the other grantors party thereto and the Collateral Agent, pursuant to which the Grantor granted a security interest to the Collateral Agent in the Patent Collateral and is required to execute and deliver this Agreement.

Unless otherwise defined herein, terms defined in the Canadian Security Agreement and used herein have the meaning given to them in the Canadian Security Agreement.

**NOW, THEREFORE**, in consideration of the foregoing and for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, subject to the terms and conditions of the Canadian Security Agreement, to evidence further the security interest granted by Grantor to the Collateral Agent pursuant to the Canadian Security Agreement, Grantor hereby grants to the Collateral Agent a security interest in all of Grantor's right, title and interest in and to the following, in each case whether now owned or existing or hereafter acquired, developed, created or arising and wherever located (collectively, the "**Patent Collateral**"):

(i) all patents and patent applications and rights and interests in patents and patent applications under any domestic or foreign law that are presently, or in the future may be, owned or held by such Grantor and all patents and patent applications and all re-issues, reexaminations, divisions, continuations, renewals, extensions and continuations in-part thereof and rights, title and interests in patents and patent applications under any domestic law that are presently, or in the future may be, owned by such Grantor in whole or in part (including, without limitation, the patents and patent applications owned by Grantor set forth on Schedule A annexed hereto);

(ii) all proceeds, products, rents and profits of or from any and all of the foregoing Patent Collateral and, to the extent not otherwise included, all payments under insurance (whether or not the Collateral Agent is the loss payee thereof), or any indemnity, warranty or guaranty, payable by reason of loss or damage to or otherwise with respect to any of the foregoing Patent Collateral; and

(iii) the right to sue or otherwise recover for any past, present and future infringement, dilution, misappropriation, or other violation or impairment of any of the foregoing.

Grantor does hereby further acknowledge and affirm that the rights and remedies of the Collateral Agent with respect to the security interest in the Patent Collateral granted hereby are more fully set forth in the Canadian Security Agreement. All the terms of the Canadian Security Agreement are hereby incorporated by reference. In the event that any provision of this Agreement is deemed to conflict with the Canadian Security Agreement, the provisions of the Canadian Security Agreement shall control.


THIS AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER AND ALL CLAIMS AND CONTROVERSIES ARISING OUT OF THE SUBJECT MATTER HEREOF WHETHER SOUNDING IN CONTRACT LAW, TORT LAW OR OTHERWISE, SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND ENFORCED IN ACCORDANCE WITH, THE LAWS OF THE PROVINCE OF ONTARIO AND THE FEDERAL LAWS OF CANADA APPLICABLE THEREIN, WITHOUT REGARD TO CONFLICTS OF LAW PROVISIONS THAT WOULD RESULT IN THE APPLICATION OF ANY OTHER LAW (OTHER THAN ANY MANDATORY PROVISIONS OF LAW RELATING TO THE LAW GOVERNING PERFECTION AND THE EFFECT OF PERFECTION OF THE SECURITY INTEREST).

This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page of this Agreement by facsimile transmission or other electronic transmission (e.g., a “.pdf” or “.tif” file) shall be effective as delivery of a manually executed counterpart hereof. The words “execute”, “execution”, “signed”, “signature” and words of like import in or related to this Agreement shall be deemed to include electronic signatures, the electronic matching of assignment terms and contract formations on electronic platforms approved by the Collateral Agent, 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 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.

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**IN WITNESS WHEREOF**, Grantor has caused this Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

**ULTRA ELECTRONICS FORENSIC  
TECHNOLOGY INC.**

By:   
Name: Alvaro Venegas  
Title: President

[Signature Page to Patent Security Agreement]

**PATENT  
REEL: 065239 FRAME: 0372**

Accepted and Agreed:

**BARINGS FINANCE LLC,**

as the Collateral Agent

By: Brianne Ptacek

Name: Brianne Ptacek

Title: Managing Director

**SCHEDULE A**  
**to**  
**PATENT SECURITY AGREEMENT**

**Canadian Patents Issued:**

<b>Patent Number</b>	<b>Issue Date</b>	<b>Title</b>
2722154	June 25, 2013	ACQUISITION OF TOPOGRAPHIES OF OBJECTS HAVING ARBITRARY GEOMETRIES
2834905	April 26, 2016	LINKING OF MICROSCOPES FOR ANALYSIS OF OBJECTS COMPRISING TOOL MARKS
2801097	August 4, 2015	ACQUISITION OF 3D TOPOGRAPHIC IMAGES OF TOOL MARKS USING NON-LINEAR PHOTOMETRIC STEREO METHOD
2505194	March 29, 2011	METHOD FOR AUTOMATICALLY DEFINING REGIONS OF INTEREST FOR MATCHING AND VISUALIZING FORENSIC IMAGES
2786818	June 23, 2015	GENERATION OF A MODIFIED 3D IMAGE OF AN OBJECT COMPRISING TOOL MARKS
2574824	March 15, 2011	3D BULLET AND CARTRIDGE CASE ANALYSIS

**Canadian Patent Applications:**

<b>Application Number</b>	<b>Date Filed</b>	<b>Title</b>
3139782	May 15, 2020	PROJECTILE ALIGNMENT AND SECUREMENT DEVICE
3200944	November 4, 2021	METHOD AND SYSTEM FOR DETERMINING A SIMILARITY OR DISTANCE MEASURE BETWEEN BALLISTIC SPECIMENS
3029069	June 22, 2017	DETECTION OF SURFACE IRREGULARITIES IN COINS
3179675	April 22, 2021	METHOD AND SYSTEM FOR CREATING MARKS ON BULLETS

**US Patent Applications:**

Current Owner	Status	Publication Number	Application Number	Title	Publication Date
Ultra Electronics Forensic Technology Inc	Pending		17/995498	METHOD AND SYSTEM FOR CREATING MARKS ON BULLETS	4/22/2021
Ultra Electronics Forensic Technology Inc	Pending		18/035,642	METHOD AND SYSTEM FOR DETERMINING A SIMILARITY OR DISTANCE MEASURE BETWEEN BALLISTIC SPECIMENS	11/4/2021

**US Patents Issued:**

Current Owner	Status	Publication Number	Application Number	Title	Publication Date
Ultra Electronics Forensic Technology Inc.	Granted	8817016	13080761	Generation of a modified 3D image of an object comprising tool marks	2014-08-26
Ultra Electronics Forensic Technology Inc.	Granted	9080844	13098758	Linking of microscopes for analysis of objects comprising tool marks	2015-07-14
Ultra Electronics Forensic Technology Inc.	Granted	9007457	13151538	Acquisition of 3D topographic images of tool marks using non-linear photometric stereo method	2015-04-14
Ultra Electronics Forensic Technology Inc.	Granted	10902584	16312520	Detection of surface irregularities in coins	2021-01-26
Ultra Electronics Forensic Technology Inc.	Granted	7796810	10913508	3D bullet and cartridge case analysis	2010-09-14
Ultra Electronics Forensic Technology Inc.	Granted	7565014	11140090	Method for automatically defining regions of interest for matching and visualizing forensic images	2009-07-21
Ultra Electronics Forensic Technology Inc.	Granted	8139230	12466847	Acquisition of topographies of objects having arbitrary geometries	2012-03-20
Ultra Electronics Forensic Technology Inc.	Pending	20220214151	17595195	Projectile alignment and securement device	2022-07-07
Ultra Electronics Forensic Technology Inc. <sup>1</sup>	Granted	7380706	10790344	Gun identification kit	2008-06-03

<sup>1</sup> Inventor assignments missing from Jim R. Lightfoot, Robert A. Walsh and Peter L. Gagliardi.