

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
Perkinelmer Sensors, Inc.	11/29/2010
Perkinelmer Illumination, Inc.	11/29/2010
Perkinelmer LED Solutions, Inc.	11/29/2010

RECEIVING PARTY DATA

Name:	UBS AG, Stamford Branch
Street Address:	677 Washington Boulevard
City:	Stamford
State/Country:	CONNECTICUT
Postal Code:	06901

PROPERTY NUMBERS Total: 54

Property Type	Number
Patent Number:	7291981
Patent Number:	7675244
Patent Number:	7372201
Patent Number:	7176633
Patent Number:	7301262
Patent Number:	7067967
Patent Number:	7172320
Patent Number:	7637629
Patent Number:	6809678
Patent Number:	6181084
Patent Number:	6047643
Patent Number:	6178888
Patent Number:	6158347

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PATENT
REEL: 025814 FRAME: 0276

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Patent Number:	6234081
Patent Number:	6230625
Patent Number:	6470802
Patent Number:	6546837
Patent Number:	7300185
Patent Number:	7679096
Patent Number:	7182496
Patent Number:	7217022
Patent Number:	D537550
Patent Number:	6806627
Patent Number:	7141927
Patent Number:	5864208
Patent Number:	6274970
Patent Number:	6236147
Patent Number:	6400067
Patent Number:	6376993
Patent Number:	6483240
Patent Number:	6597087
Patent Number:	5072158
Patent Number:	5399931
Patent Number:	6034467
Patent Number:	D377234
Patent Number:	D377104
Patent Number:	5672931
Patent Number:	D377224
Patent Number:	5721465
Patent Number:	D421809
Patent Number:	6316867
Patent Number:	6602104
Application Number:	11977068
Application Number:	12649631
Application Number:	12370793
Application Number:	12573609
Application Number:	12705411
Application Number:	12705392

Application Number:	29332373
Application Number:	12771505
Application Number:	61303006
Application Number:	61313477
Application Number:	61318007
Application Number:	12832216

CORRESPONDENCE DATA

Fax Number: (949)475-4754

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 949-451-3800

Email: skann@gibsondunn.com

Correspondent Name: Stephanie S. Kann, Senior Paralegal

Address Line 1: 3161 Michelson Drive

Address Line 2: Gibson, Dunn & Crutcher LLP

Address Line 4: Irvine, CALIFORNIA 92612

ATTORNEY DOCKET NUMBER:	93318-00107
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NAME OF SUBMITTER:	Stephanie S. Kann
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Total Attachments: 8

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Patent Security Agreement

Patent Security Agreement, dated as of November 29, 2010 by PERKINELMER SENSORS, INC., PERKINELMER ILLUMINATION, INC. and PERKINELMER LED SOLUTIONS, INC. (individually, a “Pledgor”, and, collectively, the “Pledgors”), in favor of UBS AG, STAMFORD BRANCH, in its capacity as collateral agent pursuant to the Credit Agreement (in such capacity, the “Collateral Agent”).

WITNESSETH:

WHEREAS, the Pledgors are party to a Security Agreement of even date herewith (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Security Agreement”) in favor of the Collateral Agent pursuant to which the Pledgors are required to execute and deliver this Patent Security Agreement;

NOW, THEREFORE, in consideration of the premises and to induce the Collateral Agent, for the benefit of the Secured Parties, to enter into the Credit Agreement, the Pledgors hereby agree with the Collateral Agent as follows:

SECTION 1. Defined Terms. Unless otherwise defined herein, terms defined in the Security Agreement and used herein have the meaning given to them in the Security Agreement.

SECTION 2. Grant of Security Interest in Patent Collateral. As collateral security for the payment and performance in full of all the Secured Obligations, each Pledgor hereby pledges and grants to the Collateral Agent for the benefit of the Secured Parties a lien on and security interest in and to all of its right, title and interest in, to and under all the following Pledged Collateral of such Pledgor:

- (a) Patents of such Pledgor listed on Schedule I attached hereto; and
- (b) all Proceeds of any and all of the foregoing (other than Excluded Property).

SECTION 3. Security Agreement. The security interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security interest granted to the Collateral Agent pursuant to the Security Agreement and Pledgors hereby acknowledge and affirm that the rights and remedies of the Collateral Agent with respect to the security interest in the Patents made and granted hereby are more fully set forth in the Security Agreement. In the event that any provision of this Patent Security Agreement is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall control.

SECTION 4. Termination. Upon the payment in full of the Secured Obligations and termination of the Security Agreement, the Collateral Agent shall execute, acknowledge, and deliver to the Pledgors an instrument in writing in recordable form releasing the collateral pledge, grant, assignment, lien and security interest in the Patents under this Patent Security Agreement.

SECTION 5. Counterparts. This Patent Security Agreement may be executed in any number of counterparts, all of which shall constitute one and the same instrument, and any party hereto may execute this Patent Security Agreement by signing and delivering one or more counterparts.

[signature page follows]

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

Very truly yours,

PERKINELMER SENSORS, INC.

By: _____

Name: James Rao

Title: Vice President, Treasurer and Chief
Financial Officer

PERKINELMER ILLUMINATION, INC.

By: _____

Name: James Rao

Title: Vice President, Treasurer and Chief
Financial Officer

PERKINELMER LED SOLUTIONS, INC.

By: _____

Name: James Rao

Title: Vice President, Treasurer and Chief
Financial Officer

Accepted and Agreed:

UBS AG, STAMFORD BRANCH,
as Collateral Agent

By: _____

Name:

Title:

By: _____

Name:

Title:

[Signature Page to Patent Security Agreement]

PATENT
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IN WITNESS WHEREOF, each Pledgor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

Very truly yours,

PERKINELMER SENSORS, INC.

By: _____
Name:
Title:

PERKINELMER ILLUMINATION, INC.

By: _____
Name:
Title:

PERKINELMER LED SOLUTIONS, INC.

By: _____
Name:
Title:

Accepted and Agreed:

UBS AG, STAMFORD BRANCH,
as Collateral Agent

By: Mary E. Evans
Name: Mary E. Evans
Title: Associate Director
Banking Products
Services. US

By: Irja R. Otsa
Name: Irja R. Otsa
Title: Associate Director
Banking Products
Services. US

[Signature Page to Patent Security Agreement]

PATENT
REEL: 025814 FRAME: 0282

SCHEDULE I
to
PATENT SECURITY AGREEMENT
PATENT REGISTRATIONS AND PATENT APPLICATIONS

Patent Registrations:

Country	OWNER	REGISTRATION NUMBER	DESCRIPTION
United States	PerkinElmer Illumination, Inc.	7,291,981	Short Arc Lamp With Improved Manufacturability
United States	PerkinElmer Illumination, Inc.	7,675,244	System and method for power supply for lamp with improved constant power mode control and improved boost current circuit
United States	PerkinElmer Illumination, Inc.	7,372,201	Sub-Miniature Arc Lamp
United States	PerkinElmer Illumination, Inc.	7,176,633	Arc Lamp with an Internally Mounted Filter
United States	PerkinElmer Illumination, Inc.	7,301,262	A Method and Apparatus for Cooling an Arc Lamp
United States	PerkinElmer Illumination, Inc.	7,067,967	Arc Lamp Having Window Flange with Slots
United States	PerkinElmer Illumination, Inc.	7,172,320	Low Profile Module and Frame Assembly for Arc Lamps
United States	PerkinElmer Illumination, Inc.	7,637,629	Threaded-Stud Xenon Short-Arc Lamp System
United States	PerkinElmer Sensors, Inc.	6,809,678	Data Processor Controller DC to DC Converter System and Method of Operation
United States	PerkinElmer Illumination, Inc.	6,181,084	Ballast Circuit for High Intensity Discharge Lamps
United States	PerkinElmer Sensors, Inc.	6,047,643	Hermetically Sealed Laser Actuator/Detonator and Method of Manufacturing Same
United States	PerkinElmer Sensors, Inc.	6,178,888	Detonator
United States	PerkinElmer Sensors, Inc.	6,158,347	Detonator
United States	PerkinElmer Sensors, Inc.	6,234,081	Shaped Bridge Slapper
United States	PerkinElmer Sensors, Inc.	6,230,625	Disarmable Firing Module
United States	PerkinElmer Sensors, Inc.	6,470,802	Multilayer Chip Slapper

Country	OWNER	REGISTRATION NUMBER	DESCRIPTION
United States	PerkinElmer Sensors, Inc.	6,546,837	Dual Load Charge Manufacturing Method and Press Therefore
United States	PerkinElmer LED Solutions, Inc.	7,300,185	Quadrilateral Symmetrical Light Source
United States	PerkinElmer LED Solutions, Inc.	7,679,096	Integrated LED Heat Sink
United States	PerkinElmer LED Solutions, Inc.	7,182,496	Multiple LED Focused Lighting Device 4 year maintenance fee was not paid by surcharge date of 8/28/2010 - Expired ¹
United States	PerkinElmer LED Solutions, Inc.	7,217,022	Optic Fiber LED Light Source
United States	PerkinElmer LED Solutions, Inc.	D537,550	Optical Fiber Light Source Housing
United States	PerkinElmer Illumination, Inc.	6,806,627	Probe Stabilized Arc Discharge Lamp
United States	PerkinElmer Illumination, Inc.	7,141,927	Arc Lamp With Integrated Sapphire Rod
United States	PerkinElmer Illumination, Inc.	5,864,208	Spark Gap Device and Method of Manufacturing Same
United States	PerkinElmer Illumination, Inc.	6,274,970 ²	Improved Arc Lamp
United States	PerkinElmer Illumination, Inc.	6,236,147	Arc Lamp Expired 6/22/2009 due to nonpayment of maintenance fees ³
United States	PerkinElmer Illumination, Inc.	6,400,067	High Power Short Arc Discharge Lamp with Heat Sink

¹ This patent was intentionally abandoned by the Company.

² A name change was recorded from PKI to PKI NC or Lumen Technologies for Patent Nos. 6,878,938 (now expired and not on chart); 6,274,970; 6,400,067; 6,230,625; 6,470,802 and 6,546,837 and subsequently recorded a name change to Lumen Technologies. PKI still exists, therefore these should have been assignments rather than a name change. Similarly, Patent Nos. 6,166,365; 6,294,787 and 6,013,914 had a name change recorded and it should have been an assignment. The Company is in the process of filing corrective assignments for these patents.

³ This patent was intentionally abandoned by the Company.

Country	OWNER	REGISTRATION NUMBER	DESCRIPTION
United States	PerkinElmer Illumination, Inc.	6,376,993	Power Supply to Xenon Arc Lamp Interface
United States	PerkinElmer Illumination, Inc.	6,483,240	Compact and Stabilized Arc High- Pressure Mercury Lamp
United States	PerkinElmer Illumination, Inc.	6,597,087	Miniature Xenon Arc Lamp With Cathode Slot-Mounted to Strut
United States	PerkinElmer Illumination, Inc.	5,072,158	Silent Lamp Igniter Expired 10/16/2010 ⁴
United States	PerkinElmer Illumination, Inc.	5,399,931	Two Kilowatt Short Arc Lamp Having a Metal Heat-Transfer Pad
United States	PerkinElmer Illumination, Inc.	6,034,467	Compact Heat Sinks for Cooling Arc Lamps
United States	PerkinElmer Illumination, Inc.	D377,234	Lamp Holder
United States	PerkinElmer Illumination, Inc.	D377,104	Lamp With Heat Sink
United States	PerkinElmer Illumination, Inc.	5,672,931	Arc Lamp Filter With Heat Transfer Attachment to a Radial Arc Lamp Cathode Heat Sink
United States	PerkinElmer Illumination, Inc.	D377,224	Focused Xenon Lamp
United States	PerkinElmer Illumination, Inc.	5,721,465	Xenon Arc Lamp With Improved Reflector Cooling
United States	PerkinElmer Illumination, Inc.	D421,809	Focused Xenon Lamp
United States	PerkinElmer Illumination, Inc.	6,316,867	Xenon Arc Lamp
United States	PerkinElmer Illumination, Inc.	6,602,104	Simplified Miniature Xenon Arc Lamp

⁴ This patent was intentionally abandoned by the Company.

Patent Applications:

Country	OWNER	APPLICATION NUMBER	DESCRIPTION
United States	PerkinElmer Sensors, Inc	11/977,068	Initiator
United States	PerkinElmer LED Solutions, Inc.	12/649,631	Improved Integrated LED Heat Sink
United States	PerkinElmer LED Solutions, Inc.	12/370,793	Staggered LED Based High-Intensity Light
United States	PerkinElmer LED Solutions, Inc.	12/573,609	Directed LED Light With Reflector
United States	PerkinElmer LED Solutions, Inc.	12/705,411	LED Illumination Device ⁵
United States	PerkinElmer LED Solutions, Inc.	12/705,392	Fiber Optic Coupler No inventor assignment recorded ⁶
United States	PerkinElmer LED Solutions, Inc.	29/332,373	LED-Based Fiber Illuminator
United States	PerkinElmer LED Solutions, Inc.	12/771,505	Staggered LED Based High-Intensity Light
United States	PerkinElmer LED Solutions, Inc.	61/303,006	LED Light Source For Hazardous Area Lighting
United States	PerkinElmer LED Solutions, Inc.	61/313,477	Light Guide for Coupling Differently Shaped Light Source and Receiver
United States	PerkinElmer LED Solutions, Inc.	61/318,007	LED Light with Secondary Diffuser
United States	PerkinElmer LED Solutions, Inc.	12/832,216	Tailored Side-Emitter Perimeter Beacon

⁵ Inventor assignment has already been recorded with the USPTO; the assignment is not reflected because the USPTO database is not up-to-date.

⁶ Inventor assignment has already been recorded with the USPTO; the assignment is not reflected because the USPTO database is not up-to-date.