

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3747293

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT  |                       |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT  |                       |
| <b>CONVEYING PARTY DATA</b>   |   |                       |
|   | <b>Name</b>   | <b>Execution Date</b> |
|   | THE ESTATE OF MARKO MOSCOVITCH, DECEASED  | 02/10/2016            |
| <b>RECEIVING PARTY DATA</b>   |   |                       |
| <b>Name:</b>  | THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY |                       |
| <b>Street Address:</b>  | 875 NORTH RANDOLPH STREET   |                       |
| <b>Internal Address:</b>  | SUITE 1425  |                       |
| <b>City:</b>  | ARLINGTON   |                       |
| <b>State/Country:</b>   | VIRGINIA  |                       |
| <b>Postal Code:</b>   | 22203   |                       |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |                       |
|   | <b>Property Type</b>  | <b>Number</b>         |
|   | Application Number:   | 13785330              |
| <b>CORRESPONDENCE DATA</b>  |   |                       |
| <b>Fax Number:</b>  | (202)404-7380   |                       |
| <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>   | 202-767-3427  |                       |
| <b>Email:</b>   | patent.docketing@nrl.navy.mil   |                       |
| <b>Correspondent Name:</b>  | NAVAL RESEARCH LABORATORY ASSOCIATE COUN  |                       |
| <b>Address Line 1:</b>  | CODE 1008.2   |                       |
| <b>Address Line 2:</b>  | 4555 OVERLOOK AVENUE, S.W.  |                       |
| <b>Address Line 4:</b>  | WASHINGTON, D.C. 20375-5320   |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 102016-US1  |                       |
| <b>NAME OF SUBMITTER:</b>   | JOSLYN BARRITT  |                       |
| <b>SIGNATURE:</b>   | / Joslyn Barritt /  |                       |
| <b>DATE SIGNED:</b>   | 02/19/2016  |                       |
| <b>Total Attachments: 4</b>   |   |                       |
| source=102_016_ASSIGNMENT_Marko_Moscovich_Estate#page1.tif  |   |                       |
| source=102_016_ASSIGNMENT_Marko_Moscovich_Estate#page2.tif  |   |                       |
| source=102_016_ASSIGNMENT_Marko_Moscovich_Estate#page3.tif  |   |                       |



## **ASSIGNMENT**

**THIS ASSIGNMENT** is made by the estate of Marko Moscovitch, deceased ("Inventor").

**WHEREAS**, during his lifetime, Inventor invented certain new and useful improvements in

### **Laser-heated Thermoluminescence Dosimeter**

set forth in United States Patent Application No. 13/785, 330 filed on March 5, 2013 and in International Patent Application No. PCT/US14/11379 filed on January 14, 2014;

**WHEREAS**, Jacqueline Arrowsmith, residing at 5219 Chevy Chase Parkway, Washington, DC 20015, United States of America, as Personal Representative of Inventor's estate (the "Estate"), has the authority to act on behalf of the Estate with respect to the Invention and the Patent Applications;

**WHEREAS**, The Government of the United States of America, as represented by the Secretary of the Navy, a Federal Agency (hereinafter referred to as the Government), is desirous of acquiring the entire right, title, and interest in and to the Invention and the Patent Applications, in and to any Letters Patent of the United States to be obtained therefor and thereon and in and to any foreign patents to be obtained therefor and thereon; and

**WHEREAS**, by acquiring the Estate's entire right, title, and interest in and to the Invention and the Patent Applications, the Government will be enabled to license the Invention and shall share the income from any such licensing with the Estate as provided by 15 U.S.C. § 3710c, as implemented by SECNAVINST 5870.2D;

**NOW, THEREFORE**, in consideration of the premises and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Estate has assigned, transferred, and set over, and by these presents does assign, transfer, and set over unto the

Government, its successors, legal representatives, and assigns, its entire right, title, and interest in and to the Invention and Patent Applications; and in and to any and all National Stage applications, any and all direct and indirect divisions, continuations, and continuations-in-part of said Patent Applications, and any and all Letters Patent in the United States and in all other Patent Cooperation Treaty member states which may be granted therefor and thereon; in and to any and all reissues, reexaminations, and extensions of said Letters Patent; and in and to all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Government, for its own use and benefit and the use and benefit of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by the Estate, had this assignment not been made.

**AND** for the same consideration, the Estate hereby represents and warrants to the Government, its successors, legal representatives, and assigns that, to the best of the Personal Representative's knowledge at the time of execution and delivery of these presents, except for any rights, titles, and/or interests that have arisen to the Government under law or that have already been transferred to the Government, the Personal Representative is the sole and lawful representative of the Estate with respect to the Invention and the Patent Applications, that the same are unencumbered, and that the Estate has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, the Estate hereby covenants and agrees to and with the Government, its successors, legal representatives, and assigns that the Estate will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of any Letters Patent and applications for Letters Patent for said Invention in the United States or in any foreign country without charge to the Government, its successors, legal representatives, and assigns, whenever counsel of the Government, or counsel of its successors, legal representatives, and assigns shall advise: that any proceeding in connection with the Invention or the Patent Applications, or any proceeding in connection with any Letters Patent or Patent Applications for the Invention,

including but not limited to interference proceedings, is lawful and desirable or that any division, continuation, or continuation-in-part of any Patent Applications or any reissue, reexamination, or extension of any Letters Patent to be obtained thereon is lawful and desirable.

**AND** the Estate hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to the Government as Assignee of the Invention and the Letters Patent to be issued thereon for the sole use and benefit of the Government, its successors, legal representatives, and assigns.

**AND** the Estate does hereby also grant unto the Government the right to claim priority to the Patent Applications identified above.

**AND** the Estate hereby further agrees to make, execute, and deliver to the Government any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the Patent Applications and of any National Stage applications; any and all continuations, divisions, or substitutions of the Patent Applications; or any and all applications for reissue or extension of said Letters Patent, and further agrees to assist the Government in every way in protecting the Invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

**AND** the Estate hereby appoints all practitioners at Customer Number 26384, all of US Naval Research Laboratory, 4555 Overlook Ave, SW, Code 1008.2, Washington, DC 20375, jointly, and each of them severally, its attorneys at law/patent agents, with full power of substitution, delegation, and revocation, to prosecute the above-mentioned Patent Applications and National Stage applications regarding the Invention; to transact all business in the U. S. Patent and Trademark Office and in all other Patent Cooperation Treaty member states connected therewith; to make alterations and amendments therein; and to prosecute any and all reissues, reexaminations, and extensions of said Letters Patent in the United States and under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Government.

AND the Estate hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office and any foreign patent office for recordation of this document:

US NAVAL RESEARCH LABORATORY

All practitioners at USPTO Customer Number 26384.

Date: 2/10/2016 Signature: [Signature]  
Jacqueline Arrowood, Personal  
Representative of the Estate of Marko  
Moscovitch

Date: 10 FEB 16 Witness  
Signature: [Signature]

Date: 2/10/16 Witness  
Signature: [Signature]

Date: 2/11/16 Signature: K. L. Burre  
Kerry L. Burre, for Assignee,  
The Government of the United States  
of America