

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Peter J. Rothschild	06/17/2011
RECEIVING PARTY DATA	
Name:	American Science and Engineering, Inc.
Street Address:	829 Middlesex Turnpike
City:	Billerica
State/Country:	MASSACHUSETTS
Postal Code:	01821
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13163854
CORRESPONDENCE DATA	
Fax Number:	(617)443-0004
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	6174439292
Email:	kwhitehouse@sunsteinlaw.com
Correspondent Name:	Samuel J. Petuchowski
Address Line 1:	125 Summer Street
Address Line 2:	Sunstein Kann Murphy & Timbers LLP
Address Line 4:	Boston, MASSACHUSETTS 02110-1618
ATTORNEY DOCKET NUMBER:	1945/B41
NAME OF SUBMITTER:	Samuel J. Petuchowski
Total Attachments: 2 source=klw1945B41_Assignment#page1.tif source=klw1945B41_Assignment#page2.tif	

CH \$40.00 13163854

ASSIGNMENT

ASSIGNOR: Peter J. Rothschild

ASSIGNEE: American Science and Engineering, Inc.
829 Middlesex Turnpike
Billerica, MA 01821

INVENTION: Detector with Active Collimators

ATTORNEY DOCKET: 1945/B41

SERIAL NO: Not yet determined

FILING DATE: Herewith

Assignor is an inventor of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all

such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 6/17/2011

Peter J. Rothschild
Peter J. Rothschild, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex, ss.

June 17, 2011

On this 17th day of June, 2011, before me, the undersigned notary public, personally appeared Peter J. Rothschild, proved to me through satisfactory evidence of identification, which consisted of License, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Gayle S. Hopkins
Notary Public
My commission expires MAY 9, 2014

