

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jeffrey R. Schubert</td> <td>06/08/2012</td> </tr> <tr> <td>John P. Handy</td> <td>06/12/2012</td> </tr> <tr> <td>Richard L. Schueller</td> <td>06/07/2012</td> </tr> <tr> <td>David C. Walazek</td> <td>06/18/2012</td> </tr> <tr> <td>William J. Baukus</td> <td>06/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jeffrey R. Schubert	06/08/2012	John P. Handy	06/12/2012	Richard L. Schueller	06/07/2012	David C. Walazek	06/18/2012	William J. Baukus	06/11/2012
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William J. Baukus	06/11/2012												
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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13446790</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13446790								
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Application Number:	13446790												
CORRESPONDENCE DATA													
Fax Number:	(617)443-0004												
Phone:	6174439292												
Email:	kwhitehouse@sunsteinlaw.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Thomas J. Tuytschaevers												
Address Line 1:	125 Summer Street												
Address Line 2:	Sunstein Kann Murphy & Timbers LLP												
Address Line 4:	Boston, MASSACHUSETTS 01821												
ATTORNEY DOCKET NUMBER:	1945/B65												
NAME OF SUBMITTER:	Thomas J. Tuytschaevers												

PATENT

Total Attachments: 5

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ASSIGNMENT

ASSIGNOR: Jeffrey R. Schubert
John P. Handy
Richard L. Schueller
Terry Lee McElroy
David C. Walazek
William J. Baukus

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

STATE OF INCORPORATION OF ASSIGNEE: MA

INVENTION: Methods to Perform Backscatter Inspection of Complex
Targets in Confined Spaces

ATTORNEY DOCKET: 1945/B65

SERIAL NO: 13/446,790

FILING DATE: April 13, 2012

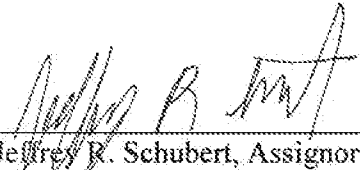
Assignors are joint inventors of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and 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: 6/8/2012

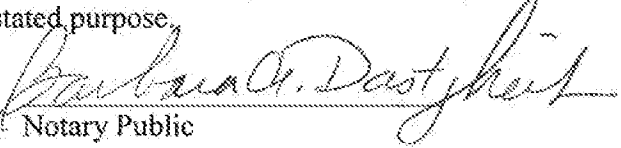


Jeffrey R. Schubert, Assignor

COMMONWEALTH OF MASSACHUSETTS)
)
COUNTY OF Middlesex)

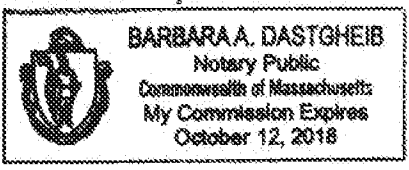
On this 8th day of June, 2012, before me, the undersigned notary public, personally appeared Jeffrey R. Schubert, proved to me through satisfactory evidence of identification, which consisted of personally known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal



Notary Public

My commission expires:



Date: 6/12/12

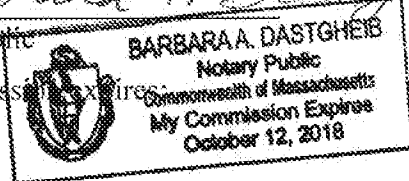
John P. Handy
John P. Handy, Assignor

COMMONWEALTH OF MASSACHUSETTS)

COUNTY OF Middlesex)

On this 12th day of June, 2012, before me, the undersigned notary public, personally appeared John P. Handy, proved to me through satisfactory evidence of identification, which consisted of personally known to me, 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

Barbara A. Dastgheib
Notary Public
My commission expires:


Date: June 7, 2012

Richard L. Schueller
Richard L. Schueller, Assignor

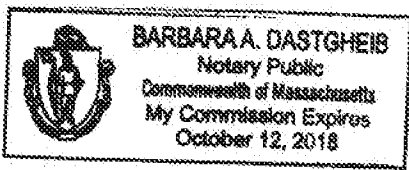
COMMONWEALTH OF MASSACHUSETTS)

COUNTY OF Middlesex)

On this 7th day of June, 2012, before me, the undersigned notary public, personally appeared Richard L. Schueller, proved to me through satisfactory evidence of identification, which consisted of personally known to me, 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

Barbara A. Dastgheib
Notary Public
My commission expires:



Date: _____

Terry Lee McElroy, Assignor

COMMONWEALTH OF MASSACHUSETTS)
)
COUNTY OF)

On this ____ day of _____, 2012, before me, the undersigned notary public, personally appeared Terry Lee McElroy, proved to me through satisfactory evidence of identification, which consisted of _____, 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

Notary Public

My commission expires:

Date: 6/18/12

David C. Walazek

David C. Walazek, Assignor

COMMONWEALTH OF MASSACHUSETTS)
)
COUNTY OF)

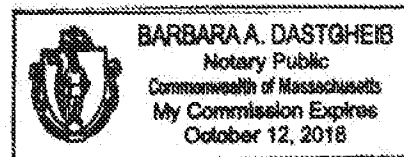
On this 18th day of June, 2012, before me, the undersigned notary public, personally appeared David C. Walazek, proved to me through satisfactory evidence of identification, which consisted of personally known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Barbara A. Dastgheib

Notary Public

My commission expires:



Date: 6/11/12

William J. Baukus
William J. Baukus, Assignor

COMMONWEALTH OF MASSACHUSETTS)
)
COUNTY OF)

On this 11 day of June, 2012, before me, the undersigned notary public, personally appeared William J. Baukus, proved to me through satisfactory evidence of identification, which consisted of ~~XXXXXXXXXXXX~~, 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

[Signature]
Notary Public

My commission expires



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