et No.: 1945/A01 02-18-2000 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE **RECO** (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Patent and Trademark Office Copyright 1994-97 LegalStar P08/REV02 101270656 Tab settings -To the Honorable Commissioner of Patents and Frademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Lee Grodzins JAN 2 7 2000 Name: American Science and Engineering, Inc. William Adams Internal Address: Additional names(s) of conveying party(ies) 3. Nature of conveyance: ■ Assignment ☐ Merger Street Address: 829 Middlesex Turnpike Security Agreement Change of Name ☐ Other City: Billerica State: MA ZIP: 01821 Execution Date: January 3, 2000 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 09/448,721 Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Samuel J. Petuchowski 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: Bromberg & Sunstein LLP Enclosed - Any excess or insufficiency should be credited or debited to deposit account ☐ Authorized to be charged to deposit account Street Address: 125 Summer Street 3 8. Deposit account number: 90.00 19-4972 City: Boston State: MA ZIP: 02110 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is au copy

Total number of pages including cover sheet, attachments, and document

Signature

of the original document.
Samuel J. Petuchowski

Name of Person Signing

REEL: 010549 FRAME: 0528

January 13, 200

ASSIGNMENT

ASSIGNOR: Lee Grodzins

William Adams

ASSIGNEE: American Science and Engineering, Inc.

829 Middlesex Turnpike Billerica, MA 01821

STATE OF INCORPORATION OF ASSIGNEE: Massachusetts

<u>INVENTION</u>: Multiple Scatter System for Threat Identification

ATTORNEY DOCKET: 1945/A01

<u>SERIAL NO</u>: 09/448,721

FILED: November 24, 1999

Assignor is a joint 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.

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

PATENT REEL: 010549 FRAME: 0529 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.

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IN WITNESS WHEREOF, e	ach Assignor hereby executes this instrument on the date set
forth below.	
Date: 01/03/00	The analysis
	Lee Grodzins, Assignor
STATE/COMMONWEALTH OF)
) ss.
COUNTY OF)
Before me, a notary public in and for said county and state, personally appeared Lee Grodzins, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature. Notary Public My Commission Expires: 3(2003)	
(seal)	
IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.	
Date: 3 g on 60	William Adams, Assignor
STATE/COMMONWEALTH OF)
COUNTY OF) ss.)
William Adams, to me known to be first duly sworn, acknowledged his s	and for said county and state, personally appeared the person described in the foregoing instrument, who, being ignature on the foregoing instrument in my presence and nd deed on the date written above opposite his signature.
	James J.

Notary Public

My Commission Expires: 3/20103

(seal)

RECORDED: 01/27/2000

PATENT REEL: 010549 FRAME: 0531