

10-16-2001

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To the Honorable Commissioner of Pa

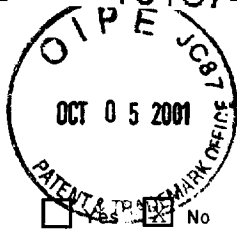
3 attached original documents or copy thereof.

1. Name of conveying party(ies):

Peter Rothschild

Lee Grodzins

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No



2. Name and address of receiving party(ies):

Name: American Science & Engineering, Inc.

Internal Address:

Street Address: 829 Middlesex Turnpike

City: Billerica State: MA ZIP: 01821

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: August 30, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/912,229

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Samuel J. Petuchowski

Internal Address: Brombeg & Sunstein LLP

Street Address: 125 Summer Street

City: Boston State: MA ZIP: 02110-1618

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Samuel J. Petuchowski

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 5

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Documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

01 FC:581

(Form PTO--1595--Recordation Form Cover Sheet - page 1 of 3)

PATENT
REEL: 012240 FRAME: 0523

ASSIGNMENT

ASSIGNOR: Peter Rothschild
Lee Grodzins

ASSIGNEE: American Science and Engineering, Inc.
829 Middlesex Turnpike
Billerica, MA 01821
United States of America

INVENTION: Chopper Wheel with Two Axes of Rotation

ATTY. DOCKET: 1945/A23

SERIAL NO: 09/912,229

FILED: July 24, 2001

Assignor is the sole inventor (if only one inventor is listed above) or a joint inventor (if more than one inventor is listed above) 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: 8/30/01 P. Rothschild
Peter Rothschild, Assignor

COMMONWEALTH OF MASSACHUSETTS)
) ss.
COUNTY OF MIDDLESEX)

Before me, a notary public in and for said county and state, personally appeared Peter Rothschild, 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.

Deborah C. Rocca
Notary Public
My Commission Expires: 9/13/07

(seal)

Date: 8/30/01 Lee Grodzin
Lee Grodzin, Assignor

COMMONWEALTH OF MASSACHUSETTS)
) ss.
COUNTY OF MIDDLESEX)

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.

Deborah C. Rocca
Notary Public
My Commission Expires: 9/13/07

(seal)

01945/00001 164884.1

RECORDED: 10/05/2001

PATENT
REEL: 012240 FRAME: 0526