

10-28-2005

FORM PTO-1595

Rec

(Rev. 3/01)

OMD NO. 0651-0011 exp. 5/31/2002)



103109238

DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Schonberg Research Corporation

Additional name(s) of conveying party(ies) attached?

X No Yes

3. Nature of Conveyance

X Assignment

Merger

Security Agreement

Change of Name

Other:

Execution Date(s): 8/18/98

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

Name: American Science and Engineering, Inc.

Internal Address:

Street Address: 829 Middlesex Turnpike

City: Billerica

State/Province: MA

Zip: 01821

Country: U.S.A.

Additional name(s) &amp; address(es) attached? Yes No X

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)

B. Patent No.(s)

5,744,919

Additional numbers attached? Yes No X

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

Name: Blakely, Sokoloff, Taylor &amp; Zafman LLP

Internal Address:

Street Address: 12400 Wilshire Boulevard, 7<sup>th</sup> Floor

City: Los Angeles State: California Zip: 90025

6. Total number of applications and patents involved: 1

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

X Enclosed

Authorized to be charged to deposit account

8. Deposit Account Number:

02-2666

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

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Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

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40.00 DP

PATENT  
REEL: 017154 FRAME: 0545

## ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Schonberg Research Corporation ("SRC"), hereby sells, assigns and transfers to American Science and Engineering, Inc., having a place of business at 829 Middlesex Turnpike, Billerica, Massachusetts 01821, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States Patent entitled CW PARTICLE ACCELERATOR WITH LOW PARTICLE INJECTION VELOCITY, with Patent Number 5,744,919, Dated April 28, 1998.

SRC agrees that said Assignee may apply for and receive assignment of said patent, and we agree and shall carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all of said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to SRC relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

I hereby covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by SRC, and that full right to convey the same as herein expressed is possessed by SRC.

SCHONBERG RESEARCH CORPORATION

By:   
Russell G. Schonberg, Chairman and CEO  
Schonberg Research Corporation

Notarial Certificate attached

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

No. 5907

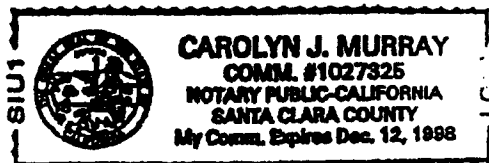
State of California

County of Santa Clara

On 18 August 1998 before me, Carolyn J. Murray, Notary Public  
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Russell G. Schonberg, Chairman and CEO  
NAME(S) OF SIGNER(S)

☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Carolyn J. Murray  
SIGNATURE OF NOTARY

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### DESCRIPTION OF ATTACHED DOCUMENT

Patent Assignment  
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1  
NUMBER OF PAGES

18 August 1998  
DATE OF DOCUMENT

None  
SIGNER(S) OTHER THAN NAMED ABOVE