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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Shyke GOLDSTEIN
Michael RALEIGH
Michael BOHNET
James GALAMBOS
Mark MACHINA

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

2. Name and address of receiving party(ies)

Name: BAE SYSTEMS Advanced Technologies, Inc.

Internal Address: _____

Street Address: 65 Spit Brook Road

City: Nashua

State: NH

Country: USA Zip: 03061

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) December 15, 2004

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

11/027,755

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: ROSSI, KIMMS & McDOWELL LLP

Internal Address: _____

Street Address: P.O. Box 826

City: Ashburn

State: VA Zip: 20146-0826

Phone Number: (703) 726-6020

Fax Number: (703) 726-6024

Email Address: mail@RKMLegalGroup.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 4005
Expiration Date _____

b. Deposit Account Number 19-0130

Authorized User Name ROSSI, KIMMS & McDOWELL

9. Signature:

Signature

05/26/05
Date

05/31/2005 DBYRNE 00000127 190130 11027755

01 FC:002 40.00 DA Name of Person Signing Marc A. Rossi

Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

*** ASSIGNMENT ***

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to:

Name: BAE SYSTEMS Advanced Technologies, Inc.
Address: 65 Spit Brook Road, Nashua, NH 03061

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as:

Title: CHEMICALLY DRIVEN HYDROGEN GUN

identified by the Assignee as _____ and ATTORNEY DOCKET NUMBER BAES:071, for which the undersigned has (have) executed and filed an application for patent in the United States of America on the date _____ and now designated as U.S. Patent Application Serial No. _____.

The undersigned hereby agree(s) to: (1) execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient; (2) execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference; (3) execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention of Protection of Industrial Property or similar agreements; and (4) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said applications or any division or divisions or continuing applications thereof to said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned have full right to convey the entire interest herein assigned, and that the undersigned has (have) not executed and will not execute any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of ROSSI & ASSOCIATES the power to insert on this assignment any further identification, including but not limited to the ATTORNEY DOCKET NUMBER, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the signature(s) of the undersigned:

	Print Name	Date	Signature
(1)	<u>SHYKE GOLDSTEIN</u>	<u>12/15/04</u> Month/Day/Year	<u><i>Shyke Goldstein</i></u>
(2)	<u>MICHAEL RALBIGH</u>	<u>12/15/04</u> Month/Day/Year	<u><i>Michael Ralbigh</i></u>
(3)	<u>MICHAEL BOHNET</u>	<u>12/17/04</u> Month/Day/Year	<u><i>Michael A. Bohnet</i></u>
(4)	<u>JAMES GALAMBOS</u>	<u>12/17/04</u> Month/Day/Year	<u><i>James Galambos</i></u>
(5)	<u>MARK MACHINA</u>	<u>12/17/04</u> Month/Day/Year	<u><i>Mark H. Machina</i></u>

This assignment should preferably be signed before a Notary Public if within the United States of America; a U.S. Consul if outside the United States of America, or before at least two witnesses. Witnessed by:

(1)	<u>MONIKA EDWARDS</u>	<u>12/17/04</u> Month/Day/Year	<u><i>M. Edwards</i></u>
(2)	<u>Tracy Hays</u>	<u>12/17/04</u> Month/Day/Year	<u><i>Tracy Hays</i></u>