

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

1. Name of conveying party(ies):

Alameda Applied Sciences Corporation
F29601-02-C-0016

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

3. Nature of conveyance:

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

Execution Date(s): 9 October 2003

☒ This instrument should be recorded on the government register in accordance with 37 CFR 7.1(e)(1).

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

Name: United States Air Force

Internal Address: 377 ABW/JAN

Street Address: 2251 Maxwell Ave., SE

City: Kirtland AFB

State: NM Zip: 87117-5773

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

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):

10/448638

Filed: 5/30/02

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: James M. Skorich

Internal Address: 377 ABW/JAN

Street Address: 2251 Maxwell Ave., SE

City: Kirtland AFB

State: NM ZIP: 87117-5773

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41)\$ 0

☐ Enclosed

☒ Not applicable

The instrument to be recorded is not an instrument affecting title (37 CFR 7.1(e)(2) and (j)).

8. Deposit account number:

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

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 a true copy of the original document.

James M. Skorich

Name of person signing

James M. Skorich

Signature

27 October 2003

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

2

Confirmatory License

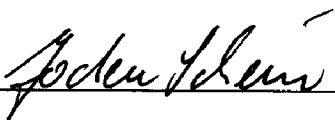
Title: Vacuum Arc Plasma Thrusters with Inductive Energy Storage Driver
Inventors: Schein, Jochen
Gerhan, Andrew, N.
Au, Michael, Y.
Woo, Robyn
Krishnan, Mahadevan
Serial No.: 10/448638
Filing date: 5/30/2002
Contract No.: F29601-02-C-0016

The invention above is a "Subject Invention" under Patents Rights Clause (52.227-11 short form or -12 long form) included in Contract No. F29601-02-C-0016 with the United States Air Force.

The document is confirmatory of the paid-up license grated to the government under this contract in this invention, patent application, and resulting patent, and of all other rights acquired by the Government by the referenced clause.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed the 9th day of October, 2003

By: _____

Dr. Jochen Schein
Alameda Applied Sciences Corp.
2235 Polvorosa Ave
Suite 230
San Leandro, CA 94577

RECEIVED

AUG 26 2003

REPORT OF INVENTIONS AND SUBCONTRACTS

(Pursuant to "Patent Rights" Contract Clause) (See Instructions on back)

BY:

Form Approved
OMB No. 9000-0095
Expires Oct 31, 2004

The public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THIS ADDRESS. RETURN COMPLETED FORM TO THE CONTRACTING OFFICER.

1. a. NAME OF CONTRACTOR/SUBCONTRACTOR Alameda Applied Sciences Corporation		c. CONTRACT NUMBER F29601-02-C-0016		2. a. NAME OF GOVERNMENT PRIME CONTRACTOR SATMC		c. CONTRACT NUMBER SATMC		3. TYPE OF REPORT (X one) ☒ a. INTERIM ☐ b. FINAL	
b. ADDRESS (Include ZIP Code) 2235 Polvorosa Ave, San Leandro, CA 94577		d. AWARD DATE (YYYYMMDD) 20020506		b. ADDRESS (Include ZIP Code) SATMC		d. AWARD DATE (YYYYMMDD) SATMC		4. REPORTING PERIOD (YYYYMMDD) a. FROM 20020506 b. TO 20030806	

SECTION I - SUBJECT INVENTIONS

5. "SUBJECT INVENTIONS" REQUIRED TO BE REPORTED BY CONTRACTOR/SUBCONTRACTOR (If "None," so state)

NAME(S) OF INVENTOR(S) (Last, First, Middle Initial)	TITLE OF INVENTION(S) b.	DISCLOSURE NUMBER, PATENT APPLICATION SERIAL NUMBER OR PATENT NUMBER c.	ELECTION TO FILE PATENT APPLICATIONS (X) d.				CONFIRMATORY INSTRUMENT OR ASSIGNMENT FORWARDED TO CONTRACTING OFFICER (X) e.
			(1) UNITED STATES (a) YES (b) NO	(2) FOREIGN (a) YES (b) NO	(3) FOREIGN COUNTRIES IN WHICH A PATENT APPLICATION WILL BE FILED (1) TITLE OF INVENTION (2) FOREIGN COUNTRIES OF PATENT APPLICATION	(4) YES (a) YES (b) NO	
Schein, Jochen Gerhan, Andrew Au, Michael Woo, Robyn Krishnan, Mahadevan	Vacuum Arc Thruster with inductive energy storage driver	10/448638	☒	☒	☒	☒	
f. EMPLOYER OF INVENTOR(S) NOT EMPLOYED BY CONTRACTOR/SUBCONTRACTOR							
(1) (a) NAME OF INVENTOR (Last, First, Middle Initial)	(2) (a) NAME OF INVENTOR (Last, First, Middle Initial)						
(b) NAME OF EMPLOYER	(b) NAME OF EMPLOYER						
(c) ADDRESS OF EMPLOYER (Include ZIP Code)	(c) ADDRESS OF EMPLOYER (Include ZIP Code)						

SECTION II - SUBCONTRACTS (Containing a "Patent Rights" clause)

6. SUBCONTRACTS AWARDED BY CONTRACTOR/SUBCONTRACTOR (If "None," so state)			
NAME OF SUBCONTRACTOR(S) a.	ADDRESS (Include ZIP Code) b.	SUBCONTRACT NUMBER(S) c.	DESCRIPTION OF WORK TO BE PERFORMED UNDER SUBCONTRACT(S) e.

SECTION III - CERTIFICATION

7. CERTIFICATION OF REPORT BY CONTRACTOR/SUBCONTRACTOR (Not required if: (X as appropriate))		☒ SMALL BUSINESS or NONPROFIT ORGANIZATION	
I certify that the reporting party has procedures for prompt identification and timely disclosure of "Subject Inventions," that such procedures have been followed and that all "Subject Inventions" have been reported.			
a. NAME OF AUTHORIZED CONTRACTOR/SUBCONTRACTOR OFFICIAL (Last, First, Middle Initial)	b. TITLE	c. SIGNATURE	d. DATE SIGNED

DD FORM 882, DEC 2001

PREVIOUS EDITION IS OBSOLETE.

**DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 377TH AIR BASE WING (AFMC)**

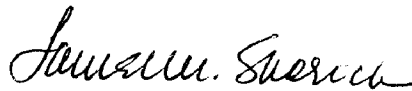
20 Oct 03

MEMORANDUM FOR MAIL STOP ASSIGNMENT RECORDATION SERVICES
DIR., UNITED STATES PATENT & TRADEMARK OFFICE
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

FROM: 377 ABW/JAN (Libby Waits/DSN 246-1542 or (505) 846-1542)
2251 Maxwell Avenue SE
Kirtland AFB NM 87117-5773

SUBJECT: Transmittal of Confirmatory Instrument for Alameda Applied Sciences Corp., Prime Contractor; Contract No. F29601-02-C-0016

1. Enclosed for your action is Confirmatory Instrument for Alameda Applied Sciences Corporation, prime contractor, under contract No. F29601-02-C-0016. The title of the invention is "*Vacuum Arc Plasma Thrusters with Inductive Energy Storage Driver*" – Serial No. 10/448,638, filed 30 May 02.
2. Please call us if you have any questions or desire additional information. Thank you.



JAMES M. SKORICH
Patent Attorney, Contract Law and
Laboratory Support Division

Attachment:
Confirmatory Instrument