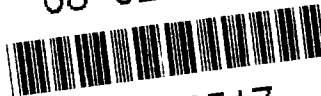


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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Rodney L Burton
Gabriel F Benavides
Julia K Laystrom

Execution Date(s) 07/25/2005

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

2. Name and address of receiving party(ies)

Name: CU Aerospace, LLC

Internal Address: _____

Street Address: 60 Hazelwood Drive

City: Champaign

State: IL

Country: US Zip: 61820

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

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11/188536

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3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ 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) B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Adam K Sacharoff

Internal Address: Much Shelist

Street Address: 191 N Wacker Drive, Suite 1800

City: Chicago

State: IL Zip: 60606

Phone Number: 312-521-2775

Fax Number: 312-521-2875

Email Address: asacharoff@muchshelist.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ 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 _____
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b. Deposit Account Number 134825

Authorized User Name Adam K Sacharoff

9. Signature: *Adam K Sacharoff*

Signature

Date

7-25-2005

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Adam K Sacharoff

Client 4004047.0004

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

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

PATENT ASSIGNMENT

**ADVANCED PULSED PLASMA THRUSTER WITH
HIGH ELECTROMAGNETIC THRUST**

The below Assignor(s) having made the invention entitled above and filed a patent application for within the United States thereon, and the Assignee being desirous of acquiring the same; in consideration of and in exchange for the sum of One Dollar (\$1.00) and other good and valuable consideration, of the Assignor(s) hereby assigns to the Assignee, including its successors, assigns, heirs, administrators, all of the Assignor's right, title and interest in and to the invention and the patent application therefor identified herein and to any and all patents which may evolve therefrom:

The Assignor(s) also assign all of their right, title and interest in and to said invention in all foreign countries, all applications for Letters Patent in foreign countries on said invention and any Letters Patent which may evolve therefrom, including the right to claim International Convention priority; and

The Assignor(s) agrees to execute any papers or perform any acts required to establish, vest or protect the Assignee's rights therein or required by Assignee to obtain said patent, without any additional payment therefor, but without any expense to Assignor.

Inventor/Assignor

INVENTOR/ASSIGNOR: Rodney L. Burton

Residence Address: 912 W Park Ave, Champaign, IL 61821

By: Rodney L. Burton

Dated: 25 July 2005

INVENTOR/ASSIGNOR: Gabriel F. Benavides

Residence Address: 1125 Baytowne Dr #33, Champaign, IL 61822

By: Gabriel Benavides

Dated: 25 July 2005

INVENTOR/ASSIGNOR: Julia K. Laystrom

Residence Address: 1402 N McKinley Ave #9, Champaign, IL 61821

By: Julia Lay

Dated: 25 July 2005

ASSIGNEE: CU Aerospace, LLC

Address: 60 Hazelwood Dr, Champaign, IL 61820

By: Daniel H. Harnett

Dated: 25 July 2005

Title: Engineering Director