

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET
PATENTS ONLY

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)

Karthik Nagarathnam
Donald Trostle
Dennis Massey

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

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

Execution Date(s) 04/09/2009

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

2. Name and address of receiving party(ies)

Name: Utron Kinetics, LLC

Internal Address: _____

Street Address: 9441 Innovation Drive

City: Manassas

State: VA

Country: US Zip: 20110

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

4. Application or patent number(s):

A. Patent Application No.(s)

12/383,948

☐ This document is being filed together with a new application.
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: James C. Wray

Internal Address: _____

Street Address: 1493 Chain Bridge Road,
Suite 300

City: McLean

State: VA Zip: 22101

Phone Number: 703-442-4800

Fax Number: 703-448-7397

Email Address: jameswray@jcwray.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 1611
Expiration Date 01/10

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Julie H. Gamotis

Signature

06/22/2009

Date

Julie H. Gamotis

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

OP \$40.00 12383948

JOINT ASSIGNMENT

WHEREAS, **Karthik Nagarathnam, Donald Trostle and Dennis Massey**, hereinafter referred to as the ASSIGNORS, have jointly invented certain Improvements relating to **NEAR NET SHAPE FABRICATION OF HIGH TEMPERATURE REFRACTORY COMPONENTS USING HIGH PRESSURE COMBUSTION DRIVEN COMPACTION PROCESS**, for which they jointly executed on even date herewith an application for Letters Patent which was filed in the United States Patent Office on March 30, 2009, Serial No. 12/383,948;

(The inventors authorize their attorney to complete the Serial Number and filing date when known.)

AND WHEREAS, **Utron Kinetics, LLC**, a Delaware limited liability company, located and doing business at 9441 Innovation Drive, Manassas, Virginia 20110, hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, and prolongations thereof;

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell, and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise, and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, with all the rights, powers, privileges, and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made;

AND said ASSIGNORS hereby agree to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon;

AND said ASSIGNORS authorize and request the Commissioner for Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS the day and year set forth below.

Executed at <u>Manassas, VA, USA</u> (Town & State/Country) On (date) <u>4/9/2009</u>	<u>Karthik Nagarathnam</u> Karthik Nagarathnam
Executed at <u>Manassas</u> (Town & State/Country) On (date) <u>4/9/09</u>	<u>Donald Trostle</u> Donald Trostle
Executed at <u>Manassas, VA</u> (Town & State/Country) On (date) <u>4/9/09</u>	<u>Dennis Massey</u> Dennis Massey