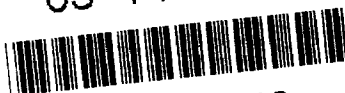


03-14-2006

U.S. DEPARTMENT OF COMMERCE
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103195450

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)

Yuriy N. Pchelnikov

2. Name and address of receiving party(ies)

Name: David S. Nyce

Internal Address: _____

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

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

Execution Date(s) November 4, 2005

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

Street Address: 2633 Whistling Quail Run

City: Apex

State: NC

Country: USA Zip: 27502

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

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: David S. Nyce

Internal Address: _____

Street Address: 2633 Whistling Quail Run

City: Apex

State: NC Zip: 27502

Phone Number: 919-362-6923

Fax Number: _____

Email Address: dn@rev.bz

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 500 ~~\$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 _____
Expiration Date _____

b. Deposit Account Number _____
Authorized User Name _____

9. Signature:

David S. Nyce

Signature

Date

Nov 4, 2005

03/09/2005 DBYRNE 00000031 11267434

01 FC:802

David S. Nyce

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 (571) 273-0140, or mailed to:
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The PTO did not receive the following

listed item(s) cheque \$40 but \$500

PATENT
REEL: 017653 FRAME: 0546

PATENT APPLICATION ASSIGNMENT

WHEREAS, I, Yuriy N. Pchelnikov of Cary, North Carolina have been a party to inventing certain new and useful improvements as described in a United States patent application executed on Nov. 4, 2005, and entitled Distributed Impedance Sensor; and

WHEREAS, David S. Nyce DBA Revolution Sensor Company, having an office at 2633 Whistling Quail Run, Apex, North Carolina, 27502 ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patents or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, in consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby transfer to Assignee, its successors and assigns, the entire right, title and interest in and to the invention throughout the world, the above-identified application, all corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Executed this 4 day of November, 2005 at Apex, NC

Yuri Pch
Yuriy N. Pchelnikov

STATE OF North Carolina)
) SS.

County of Wake)

SUBSCRIBED AND SWORN TO before me a Notary Public, this 4th day of
November, 2005

My Commission Expires: 11/21/2009

