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OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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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):

Sean F. Wu
Ravinder Beniwal

12-20-04

Execution Date(s) 12/9/04

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

2. Name and address of receiving party(ies)

Name: Wayne State University

Internal Address: _____

Street Address: 656 West Kirby

City: Detroit

State: Michigan

Country: USA Zip: 48202

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

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)

10/948,617

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: John E. Carlson

Internal Address: Carlson, Gaskey & Olds, P.C.

Street Address: 400 W. Maple Rd., Ste. 350

City: Birmingham

State: MI Zip: 48009

Phone Number: 248-988-8360

Fax Number: 248-988-8363

Email Address: _____

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 _____
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b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

John E. Carlson

Name of Person Signing

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

3

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

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PATENT
REEL: 016091 FRAME: 0165

ASSIGNMENT
(Joint Inventors)

WHEREAS, we, **Sean F. Wu** and **Ravinder Beniwal** (hereinafter referred to as Assignors), residing respectively at **1517 Heatherwood Drive, Troy, MI 48098** and **20580 Balfour Street, Harper Woods, MI 48225**, have invented new and useful improvements in:

ACOUSTIC PARTICULATE DENSITY SENSOR

which is described and claimed in the specification of which was filed on September 23, 2004, as United States Serial No. 10/948,617, which is a Continuation-In-Part of as United States Application Serial No. 10/308,868, filed December 2, 2002; which claims priority to U.S. Provisional Application Serial No. 60/338,409; filed December 5, 2001.

AND WHEREAS, **Wayne State University** (hereinafter referred to as Assignee), of **656 West Kirby, Detroit, MI 48202** is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:


NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file and prosecute foreign patent applications corresponding to said application in foreign patent offices, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

Docket No. 67,021-007

AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

12/09/04

Date


Sean F. Wu12/09/04

Date


Ravinder Beniwal

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

John E. Carlson
Carlson, Gaskey & Olds, P.C.
400 W. Maple, Suite 350
Birmingham, MI 48009
(248) 988-8360