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| Kevin J. Bastyr   | Name: The Penn State Research Foundation                                 |
|   | Internal Address:  |
| Additional name(s) of conveying party(les) attached? Yes No. 3. Nature of conveyance/Execution Date(s): | Street Address: 304 Old Main   |
| Execution Date(s) 5/12/2008   | Street Address. 304 Old Main   |
| ✓ Assignment Merger   | -  |
| Security Agreement Change of Name   | City: University Park  |
| Joint Research Agreement  | State: Pennsylvania  |
| Government Interest Assignment  | Country: US Zip:16802  |
| Executive Order 9424, Confirmatory License  | 2.p. <u>.0001</u>  |
| Other   | Additional name(s) & address(es) attached? Yes V No                      |
| A. Patent Application No.(s) 11/492,311   | B. Patent No.(s)   |
| Additional numbers at   | tached? Yes No   |
| 5. Name and address to whom correspondence concerning document should be mailed:                        | 6. Total number of applications and patents involved: 1                  |
| Name: <u>Douglas L. Wathen (Reg. No. 41,369)</u>  | 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00                            |
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| Email Address: dockst@patlaw.com  | Additionated Goes Wallie Doubles C. Wallies                              |
| 9. Signature:   | May 13, 2008   |
| Signature   | Date   |
| Douglas L. Wathen Name of Person Signing  | Total number of pages including cover sheet, attachments, and documents: |
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**PATENT** REEL: 020944 FRAME: 0925 GIFFORD KRASS

## ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Kevin J. Bastyr (hereinafter referred to as Assignors), residing at 97 Raymond Ave., Somerville, Massachusetts 02144;

WHEREAS. Assignor has invented certain new and useful improvements in THERMACOUSTIC PIEZOELECTRIC GENERATOR, set forth in a Patent application for Letters Patent of the United States, already filed on July 25, 2006 as U.S. Application No. 11/492,311; and

WHEREAS, The Penn State Research Foundation, a non profit organization organized under and pursuant to the laws of United States of America having its principal place of business at 304 Old Main, University Park, Pennsylvania 16802 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1,00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest, domestic and foreign, in and to the above-mentioned inventions and discoveries, including the right of said Assignee, its successors, legal representatives and assigns, to make and receive Letters Patent for said inventions and discoveries in any and all foreign countries in its own name, or in the name of the Assignor has, at its election, and all rights of priority in and to said inventions and discoveries in all countries.

AND for the same consideration. Assignor hereby represent and warrant to Assignee, its successors, legal representatives and assigns, Assignor has not granted any rights inconsistent with the rights granted herein.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor's heirs, successors, assigns or other legal representatives will sign any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform all acts which Assignee, its successors, legal representatives and assigns may deem necessary to secure thereto the rights herein assigned, sold and set over.

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

1

GIFFORD, KRASS, GROH, SPRINKLE, ANDERSON & CITKOWSKI, P.C.

All practitioners at Customer Number 25006

Date:

5-12-08

Signature:

Kevin J. Be

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> (734) 913-9300 FACSIMILE (734) 913-6007 jposa@patlaw.com dwathen@patlaw.com

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