

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mr. Paul Reynolds PhD</td> <td>06/20/2012</td> </tr> <tr> <td>Mr. Robert Andrew Banks PhD</td> <td>06/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mr. Paul Reynolds PhD	06/20/2012	Mr. Robert Andrew Banks PhD	06/21/2012						
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Mr. Paul Reynolds PhD	06/20/2012												
Mr. Robert Andrew Banks PhD	06/21/2012												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Weidlinger Associates, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>399 West El Camino Real</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 200</td> </tr> <tr> <td>City:</td> <td>Mountain View</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94040-2607</td> </tr> </table>		Name:	Weidlinger Associates, Inc.	Street Address:	399 West El Camino Real	Internal Address:	Suite 200	City:	Mountain View	State/Country:	CALIFORNIA	Postal Code:	94040-2607
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PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13168876</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13168876								
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CORRESPONDENCE DATA													
<p>Fax Number:</p> <p>Phone: 530-564-0921</p> <p>Email: ken@murraytechlaw.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Kenneth A. Murray, Jr.</p> <p>Address Line 1: 132 E Street, Suite 310</p> <p>Address Line 4: Davis, CALIFORNIA 95616</p>													
NAME OF SUBMITTER:	Kenneth A. Murray, Jr.												
<p>Total Attachments: 2</p> <p>source=WAI_Fuel_Injector_Patent_Applications_Assignment_PReynolds_Echosigned#page1.tif</p> <p>source=WAI_Fuel_Injector_Patent_Applications_Assignment_RBanks_Echosigned#page1.tif</p>													

OP \$40.00 13168876

Docket No.  <b>WAI-031</b>	<b>ASSIGNMENT OF APPLICATION</b>	Date:  <b>June 20, 2012</b>
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WHEREAS, I, Paul Reynolds, hereafter referred to as "applicant," have invented certain new and useful improvements in (1) a directly-actuated piezoelectric fuel injector with variable flow control, (2) a pulse detonation engine with variable control piezoelectric fuel injector, and (3) an injector valve with miniscule actuator displacement; for which applications for United States Patents were filed on June 24, 2011, October 3, 2011, and September 16, 2011, respectively.

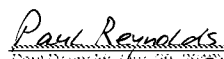
Application Numbers: 13/168,876  
13/252,127  
13/233,576

and;

WHEREAS, Weidlinger Associates, Inc., a company here referred to as "assignee" and whose mailing address is 399 West El Camino Real, Suite 200, Mountain View, California 94040-2607, is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$1), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do hereby sell, assign and transfer unto said assignee the full and exclusive right to the said inventions in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patents to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 20th day of June, 20 12  
at Mountain View, California.

  
Paul Reynolds (Jun 20, 2012) Signature

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required; see below.\*

<u>1/2</u> Total of 2 forms are submitted.
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Docket No.  <b>WAI-031</b>	<b>ASSIGNMENT OF APPLICATION</b>	Date:  <b>June 20, 2012</b>
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WHEREAS, I, Robert Andrew Banks, hereafter referred to as "applicant," have invented certain new and useful improvements in (1) a directly-actuated piezoelectric fuel injector with variable flow control, (2) a pulse detonation engine with variable control piezoelectric fuel injector, and (3) an injector valve with miniscule actuator displacement; for which applications for United States Patents were filed on June 24, 2011, October 3, 2011, and September 16, 2011, respectively.

Application Numbers: 13/168,876  
13/252,127  
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Executed this 21st day of June, 20 12

at Glasgow, United Kingdom.

Robert Banks  
Robert Banks (Jun 21, 2012) Signature

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required; see below.\*

2/2 Total of 2 forms are submitted.