

**PATENT ASSIGNMENT**

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| NATURE OF CONVEYANCE:  | ASSIGNMENT  |
| <b>CONVEYING PARTY DATA</b>  |   |
| Name   | Execution Date  |
| Robert P. Bowser   | 12/20/2010  |
| <b>RECEIVING PARTY DATA</b>  |   |
| Name:  | University of Pittsburgh - Of the Commonwealth System of Higher Education |
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| Internal Address:  | Thackeray and O'Hara Streets  |
| City:  | Pittsburgh  |
| State/Country:   | PENNSYLVANIA  |
| Postal Code:   | 15260   |
| <b>PROPERTY NUMBERS Total: 1</b>   |   |
| Property Type  | Number  |
| Application Number:  | 12899235  |
| <b>CORRESPONDENCE DATA</b>   |   |
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| Total Attachments: 2<br>source=UNIPIT 02025 Assignment#page1.tif<br>source=UNIPIT 02025 Assignment#page2.tif |   |

CH \$40.00 12899235

## ASSIGNMENT

I, Robert P. Bowser of 601 Gallahadion Court, Cranberry Township, Pennsylvania 16066, in consideration of ten dollars and other valuable consideration paid to me by University of Pittsburgh – Of the Commonwealth System of Higher Education, a university of the Commonwealth Of Pennsylvania, having its principal place of business at 200 Gardner Steel Conference Center, Thackeray and O'Hara Streets, Pittsburgh, Pennsylvania, 15260 (hereinafter "said Assignee"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "*Biomarkers for the Diagnosis of ALS*" described in U.S. Serial No. 12/899,235 filed in the United States Patent and Trademark Office on October 6, 2010, by Robert P. Bowser, and in the provisional applications to which priority is claimed, being U.S. Provisional Application Serial No. 61/249,083 filed in the United States Patent and Trademark Office on October 6, 2009 and U.S. Provisional Application Serial No. 61/311,144 filed in the United States Patent and Trademark Office on March 5, 2010, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or on said application, or any provisional, divisional, continuation, reissue, or other applications based thereon. And I agree, for myself and my executors and administrators, with said Assignee and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said Assignee, with specifications and claims in such form as shall be approved by the counsel of said Assignee, and to vest and confirm in said Assignee, its successors and assigns, the legal title to all such patents.

U.S.S.N. 12/899,235  
Title: *Biomarkers for the Diagnosis of ALS*  
By: Robert P. Bowser  
Filed: October 6, 2010  
ASSIGNMENT

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Assignee, its successors and assigns.

WITNESS my hand and seal this 20<sup>th</sup> day of December, 2010.

  
\_\_\_\_\_  
Robert P. Bowser

State of Pennsylvania )  
County of Allegheny )

Then personally appeared the above named Robert P. Bowser and acknowledged the foregoing instrument to be his free act and deed, before me this 20<sup>th</sup> day of December, 2010.

  
\_\_\_\_\_  
Notary Public

My Commission expires: \_\_\_\_\_

