

# PATENT ASSIGNMENT

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT               |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                   |
| <b>CONVEYING PARTY DATA</b>   |                              |
| <b>Name</b>   | <b>Execution Date</b>        |
| Brian Thomas Branecky   | 10/19/2006                   |
| <b>RECEIVING PARTY DATA</b>   |                              |
| <b>Name:</b>  | A. O. Smith Corporation      |
| <b>Street Address:</b>  | 11270 West Park Place        |
| <b>City:</b>  | Milwaukee                    |
| <b>State/Country:</b>   | WISCONSIN                    |
| <b>Postal Code:</b>   | 53224                        |
| <b>PROPERTY NUMBERS Total: 1</b>  |                              |
| <b>Property Type</b>  | <b>Number</b>                |
| <b>Application Number:</b>  | 12506372                     |
| <b>CORRESPONDENCE DATA</b>  |                              |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 010121-8172 US02             |
| <b>NAME OF SUBMITTER:</b>   | Sheldon L. Wolfe             |
| <b>Total Attachments: 2</b><br>source=B1947419#page1.tif<br>source=B1947419#page2.tif |                              |

OP \$40.00 12506372

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**PATENT**  
**REEL: 022984 FRAME: 0186**

## ASSIGNMENT

Pursuant to my obligation to A.O. Smith Corporation (hereinafter referred to as "Assignee"), a Delaware corporation having its principal place of business at:

11270 West Park Place  
Milwaukee, WI 53224

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, I:

Brian Thomas Branecky  
N69 W34327 East Circle Drive  
Oconomowoc, WI 53066

confirm my obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, my entire right, title and interest -

(1) in and to an invention entitled "CONTROLLER FOR A MOTOR AND A METHOD OF CONTROLLING THE MOTOR" for which I have executed a United States Patent Application No. 11/549,518, filed October 13, 2006 (Atty. File No. 010121-8050-01);

(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the United States patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of my Assignee with a claim to priority based on said United States application.

And I hereby agree that I will, upon demand of Assignee, its successors or assigns, and without further consideration to me, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by me.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said United States patent or patents to Assignee.

10/19/06  
Date

Brian Thomas Branecky  
Brian Thomas Branecky