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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)**

William B Ribbens  
Ronald J. Fredricks

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) July 13 and 16, 2007

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: SMO Group LLC

Internal Address: \_\_\_\_\_

Street Address: 2046 Foxboro Ct. NW

City: Grand Rapids

State: MI

Country: US Zip: 40504

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

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/715,567

B. Patent No.(s)

6,890,041

07/31/2007 DBYRNE 00000015 11715567

80.00 OP

Additional numbers attached? ☐ Yes ☒ No

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

Name: Joseph F. Breimayer

Internal Address: BREIMAYER LAW OFFICE

Street Address: 4700 Circle Down

City: Golden Valley

State: MN Zip: 55416

Phone Number: 763 951-2831

Fax Number: \_\_\_\_\_

Email Address: jfbpatent@aol.com

**6. Total number of applications and patents involved: 2**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 80.00**

- ☐ 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 \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Joseph F. Breimayer  
Signature

Joseph F. Breimayer  
Name of Person Signing

July 27, 2007  
Date

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

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

# **ASSIGNMENT AGREEMENT**

Assignment ("Assignment") from Dr. William B. Ribbens and Dr. Ronald J. Fredricks (collectively, "Assignor"), to SMO Group, LLC, a Michigan limited liability company ("Assignee"). This Agreement is dated as of the date appearing below.

## **RECITATIONS**

1. Assignor is the inventor of new improvements and inventions with respect to the design of Sliding Mode Observer based anti-skid and/or anti-lock braking systems (the "Inventions"). The United States Patent Office has issued Patent No. 6,890,041 (the "Letters Patent") with respect to such Inventions;
2. Assignor desires to assign to Assignee all of its right, title and interest in and to the Inventions and Letters Patent;
3. Assignee desires to acquire the Inventions and Letters Patent all rights therein and the goodwill associated therewith.

## **ASSIGNMENT**

For good consideration, the value and sufficiency of which is acknowledged, Assignor by this Assignment hereby sells, assigns, transfers and sets over to Assignee its successors and assigns forever Assignor's entire right, title and interest worldwide in and to all inventions and improvements, and applications for patent and all divisions and continuations thereof, and all Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available international agreements, treaties and conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as but not limited to industrial property rights, inventor's certificates, design certificates and the like) heretofore or hereafter filed for said improvements and inventions in any foreign countries, and all Letters Patent (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof and related rights) granted for said improvements and inventions in any foreign countries for the full term for which any Letters Patent or related rights are granted together with the goodwill associated therewith, together with all income, royalties or payments due or payable as of the effective date of this Assignment, including without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the improvement, inventions and patents, with the right to sue, collect and retain same in Assignee's own name. Assignor waives any so-called "moral rights" in the improvements, inventions and Letters Patent.

Assignor makes this Assignment, and Assignee accepts this Assignment, "as-is" without warranty of any kind.

Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks, and any officials of the United States Patent and Trademark Office and all foreign countries whose duty it is to issue patents to issue same to Assignee, its successors and assigns.

In witness whereof, this Assignment has been executed by the Assignor effective as of June 29, 2007.

Signature:

William B. Ribbens

Print Name: William B. Ribbens

SS: 371-36-3256

STATE OF MICHIGAN

COUNTY OF Washtenaw

Signature:

Ronald J. Fredricks

Print Name: Ronald J. Fredricks

SS: 377-42-1767

STATE OF MICHIGAN

COUNTY OF KENT

The foregoing instrument was acknowledged before me this 16 day of July, 2007 by William B. Ribbens.

Charlena E. Smith

Notary Public

My Commission Expires June 19, 2013

CHARLENA E. SMITH

Notary Public, Washtenaw County, Michigan

Acting in Washtenaw County, Michigan

My Commission Expires June 19, 2013

STATE OF MICHIGAN

COUNTY OF Washtenaw

The foregoing instrument was acknowledged before me this 13 day of July, 2007 by Ronald J. Fredricks.

Maureen Page

Notary Public

My Commission Expires Oct 3, 2007

STATE OF MICHIGAN

COUNTY OF Kent

End