

## PATENT ASSIGNMENT COVER SHEET

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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>
THOMAS J. SHEAHAN	08/19/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NIDEC MOTOR CORPORATION
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<b>City:</b>	ST. LOUIS
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14830583
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<b>ATTORNEY DOCKET NUMBER:</b>	47363
<b>NAME OF SUBMITTER:</b>	ANDREW G. COLOMBO
<b>SIGNATURE:</b>	/Andrew G. Colombo/
<b>DATE SIGNED:</b>	08/24/2015
<b>Total Attachments: 4</b>	
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ASSIGNMENT

WHEREAS, I, **Thomas J. Sheahan**, of Cary, IL, have invented certain new and useful improvements in

**SYSTEM AND METHOD FOR OPTIMIZING FLUX REGULATION IN ELECTRIC MOTORS**

for which I am about to make application for Letters Patent of the United States; and

WHEREAS, **Nidec Motor Corporation**, a corporation duly organized under the laws of the State of Delaware and having its principal place of business at 8050 West Florissant Ave., St. Louis, Missouri 63136, is desirous of acquiring an interest in, to and under said invention, said application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW, THEREFORE, to all whom it may concern be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Thomas J. Sheahan**, as the sole inventor, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **Nidec Motor Corporation** the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the application executed by me as inventor preparatory to obtaining Letters Patent of the United States therefor and identified under attorney Docket. No. **47363**;
- (b) said application;
- (c) any and all provisional applications from which said application claims priority;

- (d) any and all refilings, divisions, and continuations of said application;
- (e) any and all Letters Patent of the United States of America which may issue from said application, refilings, divisions and continuations;
- (f) any and all reissues of said Letters Patent of the United States of America;
- (g) any and all applications for Letters Patent upon said invention which have heretofore been filed or may hereafter be filed in any and all countries foreign to the United States of America, together with all rights to file and to claim priority in connection with said foreign-filed applications;
- (h) any and all refilings, divisions and continuations of said foreign-filed applications;
- (i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and
- (j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

ALL of the above shall be held and enjoyed by said **Nidec Motor Corporation** for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent in accordance with this Assignment. Assignor(s) further agree to execute all paperwork and provide any other requested, non-monetary assistance in procuring, perfecting, enforcing, and/or defending Assignee's rights in the rights assigned herein.

Date: 8-19-15

Thomas J. Sheahan  
Thomas J. Sheahan


WITNESSED BY:

Richard

8/19/2015  
DATE:

Nidec Motor Corporation hereby declares it accepts the rights and property hereby assigned and transferred to it.

Nidec Motor Corporation

By   
Timothy McBride  
Intellectual Property Counsel