

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARC J. CORCORAN	01/02/2019
MARK EMANUEL	01/03/2019
RYAN M. BASTIEN	01/04/2019
RECEIVING PARTY DATA	
Name:	NIDEC MOTOR CORPORATION
Street Address:	8050 W. FLORISSANT AVE.
City:	ST. LOUIS
State/Country:	MISSOURI
Postal Code:	63136
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16240454
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	50002-B
NAME OF SUBMITTER:	ANDREW G. COLOMBO
SIGNATURE:	/Andrew G. Colombo/
DATE SIGNED:	01/07/2019
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, WE, **Marc J. Corcoran** of St. Charles, Missouri; **Mark Emanuel** of St. Louis, Missouri; and **Ryan M. Bastien** of St. Charles, Missouri have invented certain new and useful improvements in a

MOTOR HAVING IMPROVED STATOR CORE

for which we are 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 all interests 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, WE, **Marc J. Corcoran**, **Mark Emanuel**, and **Ryan M. Bastien**, as co-inventors, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **Nidec Motor Corporation** our 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 each of us as co-inventors herewith preparatory to obtaining Letters Patent of the United States therefor and identified under attorney Dkt. No. 50002-B;

(b) said application;

(c) any and all 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 on said invention that have been, or may 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 we 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: 1-2-19

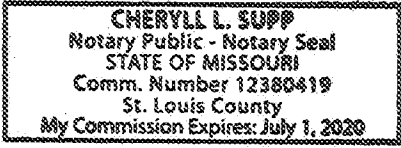
Marc J. Corcoran
Marc J. Corcoran

STATE OF Missouri)
County of St. Louis) ss.
)

On this 2nd day of January, 2019, before me personally appeared Marc J. Corcoran, to me known to be the person described in and who executed the foregoing instrument, and who duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

My Commission expires: 7/1/2020
Notary Public Cheryl L. Supp

[SEAL]



Date: 1/3/2011

Mark Emanuel
Mark Emanuel

STATE OF Missouri)
County of St. Louis) ss.
)

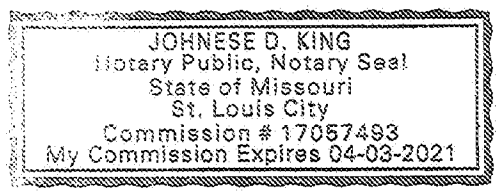
On this 3rd day of JANUARY, 2011, before me personally appeared **Mark Emanuel**, to me known to be the person described in and who executed the foregoing instrument, and who duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

My Commission expires:

Johnese King
Notary Public

04-03-2021.

[SEAL]



Date: 1-4-19

Ryan M. Bastien
Ryan M. Bastien

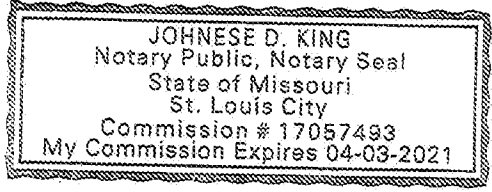
STATE OF Missouri)
County of St. Louis) ss.

On this 4th day of January, 2018, before me personally appeared **Ryan M. Bastien**, to me known to be the person described in and who executed the foregoing instrument, and who duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

My Commission expires:
04-03-2021

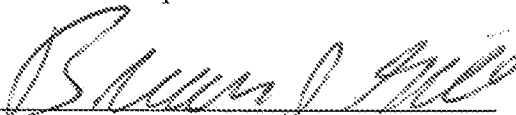
Johnese D. King
Notary Public

[SEAL]



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

Nidec Motor Corporation

By 
Brian J. Gill, Intellectual Property Counsel