502009822 08/01/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gary E. Horst	08/01/2012

RECEIVING PARTY DATA

Name:	Nidec Motor Corporation	
Street Address:	8050 West Florissant Ave.	
City:	St. Louis	
State/Country:	MISSOURI	
Postal Code:	63136	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13563951

CORRESPONDENCE DATA

Fax Number: 9136479057 **Phone**: 913-647-9050

Email: cdw@hoveywilliams.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Andrew G. Colombo/Hovey Williams LLP

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Address Line 2: Suite 1000

Address Line 4: Overland Park, KANSAS 66210

ATTORNEY DOCKET NUMBER:	AGC/NIDEC/44064/5570.105	
NAME OF SUBMITTER:	Andrew G. Colombo	

Total Attachments: 3

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<u>PATENT</u>

REEL: 028696 FRAME: 0187

ASSIGNMENT

WHEREAS, I, Gary E. Horst, of Manchester, MO, have invented certain new and

useful improvements in

MOTOR STATOR WITH REDUCED COIL CONFIGURATION

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 appli-

cation 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, Gary E.

Horst, 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. 44064;

(b) said application;

(c) any and all refilings, divisions, and continuations of said application;

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PATENT REEL: 028696 FRAME: 0188 (d) any and all Letters Patent of the United States of America which may issue

from said application, refilings, divisions and continuations;

(e) any and all reissues of said Letters Patent of the United States of America;

(f) 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;

(g) any and all refilings, divisions and continuations of said foreign-filed

applications;

(h) 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

(i) 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.

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Date:	8/1/2012	JK Elles
	, (Gary E. Hórst

STATE OF Missouri)

County of St Lovis)

On this / day of // 2012, before me personally appeared Gary E. Horst, 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:

Notary Public

Jone 27, 2016

[SEAL]

DOWNA D. FUREY
Notary Public-Notary Seal
State of Massouri, St Charles County
Commission # 12478493
My Commission Expires Jun 27, 2016

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

Nidec Motor Corporation

Intellectual Property Counse