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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NIKOLAOS ADAMOPOULOS	11/05/2021
DIMITRIOS PAPATHANASOPOULOS	11/05/2021
NIKOLAOS TSAKALAKIS	08/11/2021
KONSTANTINOS ANDRIOTIS	11/05/2021
ATHANASIOS SARIGIANNIDIS	11/05/2021
NEKRARIOS KARAKASIS	11/08/2021

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:	17550957

CORRESPONDENCE DATA

Fax Number: (913)647-9057

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ANDREW G. COLOMBO/HOVEY WILLIAMS LLP **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	56168-US
NAME OF SUBMITTER:	ANDREW G. COLOMBO
SIGNATURE:	/Andrew G. Colombo/
DATE SIGNED:	12/16/2021

PATENT REEL: 058410 FRAME: 0365 507031355

Total Attachments: 10 source=PTO_Assignment_56168-US_1821781-1#page1.tif source=PTO_Assignment_56168-US_1821781-1#page2.tif source=PTO_Assignment_56168-US_1821781-1#page3.tif source=PTO_Assignment_56168-US_1821781-1#page4.tif source=PTO_Assignment_56168-US_1821781-1#page5.tif source=PTO_Assignment_56168-US_1821781-1#page6.tif source=PTO_Assignment_56168-US_1821781-1#page7.tif source=PTO_Assignment_56168-US_1821781-1#page8.tif source=PTO_Assignment_56168-US_1821781-1#page9.tif source=PTO_Assignment_56168-US_1821781-1#page9.tif

PATENT REEL: 058410 FRAME: 0366 <u>ASSIGNMENT</u>

WHEREAS, WE, Nikolaos Adamopoulos of Athens, Greece; Dimitrios

Papathanasopoulos of Athens, Greece; Nikolaos Tsakalakis of Lavrio, Greece; Konstantinos Andriotis

of Athens, Greece; Athanasios Sarigiannidis of Athens, Greece; and Nekrarios Karakasis of Pierias,

Greece have invented certain new and useful improvements in a

SYSTEM AND METHOD FOR INCREASING BRAKING PERFORMANCE UNDER MULTI-PHASE SHORTING

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, Nikolaos Adamopoulos,

Dimitrios Papathanasopoulos, Nikolaos Tsakalakis, Konstantinos Andriotis, Athanasios

Sarigiannidis, and Nekrarios Karakasis 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:

-1-

PATENT REEL: 058410 FRAME: 0367

- (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. 56168-US;
 - (b) said application;
- (c) any and all applications from which said application claims priority, including the right to claim priority to and receive the benefit of said applications;
 - (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 assigned to it herein.

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Date: 11/05/2021	ally,	
	Nikolaos Adamopoulos	

Date: 11/05/2021		
	Dimitrios Papathanasopoulos	

-5-

Date: 8/11/21

DNIKOLAOS TSAKALAKUS

Nikolaos Tsakalakis

Date: 11/05/2021

Konstintinos Andriotis

		Cond-	
Date	11/05/2021		
Date.		-	~~

Athanasios Sarigiannidis

Date:	11/08/2021

Alan

Nekrarios Karakasis

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

Nidec Motor Corporation

Brian J. Gill, Intellectual Property Counsel