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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
HIROSHI SAMBUICHI	11/24/2015
KOSUKE OGAWA	11/24/2015
TAKASHI HATTORI	11/24/2015

RECEIVING PARTY DATA

Name:	NIDEC CORPORATION
Street Address:	338 KUZETONOSHIRO-CHO
City:	MINAMI-KU KYOTO
State/Country:	JAPAN
Postal Code:	601-8205

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16031474

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: usptopatentmail@cantorcolburn.com

CANTOR COLBURN LLP **Correspondent Name:** Address Line 1: 20 CHURCH STREET

Address Line 2: 22ND FLOOR

Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	NCJ0024USC2
NAME OF SUBMITTER:	DANIEL P. LENT
SIGNATURE:	/Daniel P. Lent/
DATE SIGNED:	07/10/2018

Total Attachments: 4

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> **PATENT REEL: 046307 FRAME: 0918** 504996806

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PATENT REEL: 046307 FRAME: 0919

DECLARATION AND ASSIGNMENT

Title of Invention: Motor and Method of Manufacturing the Same

application (herein referred to as the ("APPLICATION");

As a belov	v named inventor, I hereby declare that:
Ti	nis declaration is directed to:
	[] the attached application (Attorney Docket Number), or
	[] United States application or PCT international application number filed on
Th	ne above-identified application was made or authorized to be made by me.
I b the applica	believe that I am the original inventor or an original joint inventor of a claimed invention in ation.
I	nave reviewed and understand the contents of the application, including the claims.
	am aware of the duty to disclose to the United States Patent and Trademark Office all in known to me to be material to patentability as defined in 37 CFR Section 1.56.
	hereas, each undersigned inventor has made certain inventions, improvements, and s (herein referred to as the "INVENTION") disclosed in the above-identified patent

Whereas, Nidec Corporation, 338 Kuzetonoshiro-cho, Minami-ku, Kyoto 601-8205, JANAN (herein referred to as "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to ASSIGNEE, the entire worldwide right, title, and interest in and to the INVENTION and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filling of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the INVENTION, to ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned

had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

Each undersigned inventor also hereby grants ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Declaration and Assignment any further identification of the APPLICATION (including, but not limited to, patent Application Number and filing date).

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal Name of First Inventor: Hiroshi SAMBUICHI	
Signature: 1 - Salak	Date: <u>21</u> 5, 17, 2015
Legal Name of Second Inventor: Kosuke OGAWA	
Signature:	Date:
Legal Name of Second Inventor: Takashi HATTORI	
Signature:	Date:

DECLARATION AND ASSIGNMENT

Title of Invention: Motor and Method of Manufacturing the Same

As a below t	named inventor, I hereby declare that:
This	declaration is directed to:
	[] the attached application (Attorney Docket Number), or
- Spannesser	[] United States application or PCT international application number filed on
	above-identified application was made or authorized to be made by me.
I be	lieve that I am the original inventor or an original joint inventor of a claimed invention in

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the ("APPLICATION");

Whereas, Nideo Corporation, 338 Kuzetonoshiro-cho, Minami-ku, Kyoto 601-8205, JANAN (herein referred to as "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to ASSIGNEE, the entire worldwide right, title, and interest in and to the INVENTION and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the INVENTION, to ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned

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Legal Name of First Inventor: Hiroshi SAMBUICHI

Signature:	Date:
Legal Name of Second Inventor: Kosuke OGAWA	
Signature: X. Openers	Date: 2015/11/124
Legal Name of Second Inventor: Takashi HATTORI	
TAKACHT HATTORT	Date: 70/5 / 11 /24