

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroyasu BABA	05/08/2009
Yuji HAYASHI	05/08/2009
Kiyoshi NAGATA	05/14/2009
Masaya OOTAKE	05/14/2009

RECEIVING PARTY DATA

Name:	DENSO CORPORATION
Street Address:	1-1, SHOWA-CHO
City:	KARIYA-CITY, AICHI-PREF.
State/Country:	JAPAN
Postal Code:	448-8661

Name:	NIPPON SOKEN, INC.
Street Address:	14, IWAYA, SHIMOHASUMI-CHO
City:	NISHIO-CITY, AICHI-PREF.
State/Country:	JAPAN
Postal Code:	445-0012

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12469187

CORRESPONDENCE DATA

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OP \$40.00 12469187

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PATENT
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ATTORNEY DOCKET NUMBER:	MNL-2018-2313
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NAME OF SUBMITTER:	Michelle N. Lester
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Total Attachments: 2 source=2018-2313-ASSIGNMENT#page1.tif source=2018-2313-ASSIGNMENT#page2.tif
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Case No. : _____

S119071-US-TK/mo

ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Hiroyasu Baba
Yuji Hayashi
Kiyoshi Nagata
Masaya Ootake

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) DENSO CORPORATION a corporation of Japan
 (Address) 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan

(Assignee) NIPPON SOKEN, INC. a corporation of Japan
 (Address) 14, Iwaya, Shimohasumi-cho, Nishio-city, Aichi-pref., 446-0012 Japan

(Title) APPARATUS FOR ESTIMATING ROTOR POSITION OF BRUSHLESS MOTORS AND SYSTEM AND METHOD FOR CONTROLLING START-UP OF BRUSHLESS MOTORS
 for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on _____ or has already filed U.S. application Serial No. _____, on _____

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date	<u>May 8, 2009</u>	Signature of Inventor	<u>Hiroyasu Baba</u> Hiroyasu Baba
Date	<u>May 8, 2009</u>	Signature of Inventor	<u>Yuji Hayashi</u> Yuji Hayashi
Date	<u>May 8, 2009</u> <u>May 14, 2009</u>	Signature of Inventor	<u>Kiyoshi Nagata</u> Kiyoshi Nagata
Date	<u>May 14, 2009</u>	Signature of Inventor	<u>Masaya Ootake</u> Masaya Ootake

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Case No. : _____

S119071-US-TK/mo

Date	<u>May 8, 2009</u>	Witnessed by:	<u>Tsutomu Hirano</u>
Date	<u>May 8, 2009</u>	Witnessed by:	<u>Tsutomu Hirano</u>
Date	<u>May 14, 2009</u>	Witnessed by:	<u>Yuji Hidaka</u>
Date	<u>May 14, 2009</u>	Witnessed by:	<u>Yuji Hidaka</u>

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RECORDED: 05/20/2009

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