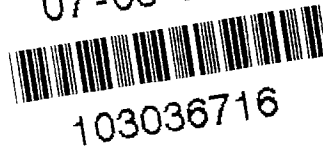


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07-08-2005

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Our Ref.: 2018-1120

**Mail Stop Assignment Recordation Services**

Commissioner of Patents P.O. Box 1450  
Alexandria, VA 22313-1450

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):          Takashi KAWASHIMA      Kenji TAKEDA          Koichiro MATSUMOTO      Tsutomu NAKAMURA          Tatsuya KITANAKA      Osamu SHIMOMURA          Takao BAN</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger  <input type="checkbox"/> Security Assignment      <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other</p> <p>Execution Date:      June 17, 20 &amp; 22, 2005</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>DENSO CORPORATION</u>          Internal Address: _____          Street Address: <u>1-1, Showa-cho, Kariya-city,</u>          _____</p> <p>City: <u>Aichi-pref.</u>          State/Country: <u>Japan</u>          Zip: <u>448-8661</u></p> <p>Additional name/s &amp; address/es attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
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113014 U.S. PTO  
11/168381



4. Application number(s) or patent number(s):  
 If this document is being filed together with a new application, the execution date of the application is: June 17, 20 & 22, 2005

<p>A. Patent Application No(s).          (1) _____          (2) _____          (3) _____</p>	<p>B. Patent No(s).          (1) _____          (2) _____          (3) _____</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
--	---

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Larry S. Nixon</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Nixon &amp; Vanderhye P.C.</u>  <u>901 North Glebe Road</u>  <u>11th Floor</u></p> <p>City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22203</u></p>	<p>6. Total number of applications &amp; patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) (8021) \$ <u>40.00</u>  <input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our <b>Account No. 14-1140.</b></p>
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9. Statements and signature.  
 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Larry S. Nixon      Larry S. Nixon      June 29, 2005  
 Name of Person Signing      Signature      Date  
 Reg. No. 25,640

Total number of pages including **original** cover sheet, attachments, and document: [3]

40.00 DP

RECORDATION FORM COVER SHEET

**PATENTS ONLY**

Our Ref: 2018-1120

Commissioner of Patents and Trademarks  
Box Assignment, P.O. Box 1450  
Alexandria, VA 22313-1450

1. Name of conveying party(ies):	
2. Name: NIPPON SOKEN, INC. Street Address: 14, Iwaya, Shimohasumi-cho, Nishio-city, City: Aichi-pref. State: Japan Zip: 445-0012	
4. Application number(s) or patent number(s):	
A. Patent Application No(s).	B. Patent No(s).
(4)	(4)
(5)	(5)
(6)	(6)
(7)	(7)
(8)	(8)
(9)	(9)

**ASSIGNMENT OF U.S. PATENT APPLICATION**

(Inventors) Takashi Kawashima  
Koichiro Matsumoto  
Tatsuya Kitanaka  
Takao Ban  
Kenji Takeda  
Tsutomu Nakamura  
Osamu Shimomura

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 1) DENSO CORPORATION a corporation of Japan  
 (Address) 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan  
 (Assignee 2) NIPPON SOKEN, INC. a corporation of Japan  
 (Address) 14, Iwaya, Shimohasumi-cho, Nishio-city, Aichi-pref., 445-0012 Japan

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as

(Title) ROTATION ANGLE DETECTION DEVICE  
 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>June 17, 2005</u>	Signature of inventor	<u>Takashi Kawashima</u> Takashi Kawashima
Date	<u>June 17, 2005</u>	Signature of inventor	<u>Koichiro Matsumoto</u> Koichiro Matsumoto
Date	<u>June 17, 2005</u>	Signature of inventor	<u>Tatsuya Kitanaka</u> Tatsuya Kitanaka

Date June 20, 2005 Signature of inventor

Takao Ban  
Takao Ban

Date June 22, 2005 Signature of inventor

Kenji Takeda  
Kenji Takeda

Date June 22, 2005 Signature of inventor

Tsutomu Nakamura  
Tsutomu Nakamura

Date June 21, 2005 Signature of inventor

Osamu Shimomura  
Osamu Shimomura

Date June 17, 2005

Witnessed by: Yubinobu Kajita

Date June 17, 2005

Witnessed by: Mitsuo Yoshida

Date June 19, 2005

Witnessed by: Masao Yamazaki

Date June 20, 2005

Witnessed by: Hiroaki Hattori

Date June 22, 2005

Witnessed by: Haruhiko Inoue

Date June 22, 2005

Witnessed by: Haruhiko Inoue

Date June 22, 2005

Witnessed by: Haruhiko Inoue