

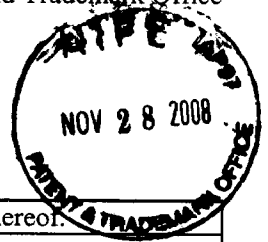
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Our Ref.: MNL-2018-2085

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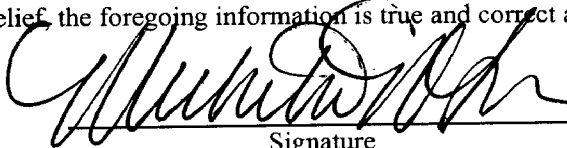


To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<b>1. Name of conveying party(ies):</b> 1 Norio <b>YAMAMOTO</b> 5 2 Nozomi <b>KITAGAWA</b> 6 3 Katsuhide <b>KUMAGAI</b> 7 4 Masahiko <b>MIYATA</b> 8  Additional name/s of conveying party/ies attached? <input type="checkbox"/> <b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other  Execution Date: November 3, 2008; November 3, 2008; October 31, 2008; October 31, 2008, respectively		<b>2. Name and address of receiving party(ies):</b>  1) Name: <b>DENSO CORPORATION</b> Street Address: 1-1, Showa-cho City: Kariya-city, Aichi-pref.  State/Country: Japan Zip: 448-8661  2) Name <b>KABUSHIKI KAISHA TOKAI RIKAI DENKI SEISAKUSHO</b> Street Address: 260, Toyota 3-chome, Ohguchi-cho City: Niwa-gun, Aichi-pref. State: Japan Zip: 480-0195  Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>4. Application number(s) or patent number(s):</b> <input type="checkbox"/> This assignment is being filed together with a new application. A. Patent Application No(s). (1) 12/195,792 (2) (3) Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No B. Patent No(s). (1) (2) (3)		
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  Name: <u>Michelle N. Lester</u>  Internal Address: _____  Street Address: <u>Nixon &amp; Vanderhye P.C.</u> <u>901 North Glebe Road</u> <u>11th Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22203</u>	<b>6. Total number of applications &amp; patents involved:</b> <u>1</u>  <b>7. Total fee (37 CFR 3.41)</b> \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140  <b>8. The Commissioner is hereby authorized to charge any deficiency 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 Account No. 14-1140.</b>	

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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.

Michelle N. Lester  November 28, 2008  
Name of Person Signing Signature Date  
Reg. No. 32,331

Total number of pages including original cover sheet, attachments, and document: 5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

## ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Norio Yamamoto  
Nozomi Kitagawa  
Katsuhide Kumagai  
Masahiko Miyata

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) KABUSHIKI KAISHA TOKAI RIKA DENKI a corporation of Japan  
SEISAKUSHO  
(Address) 260, Toyota 3-chome, Ohguchi-cho, Niwa-gun, Aichi-pref., 480-0195 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) INPUT APPARATUS FOR VEHICLE  
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. 12/195792, on August 21, 2008.  
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>November 3, 2008</u>	Signature of inventor	<u>Norio Yamamoto</u> Norio Yamamoto
Date	<u>November 3, 2008</u>	Signature of inventor	<u>Nozomi Kitagawa</u> Nozomi Kitagawa
Date	_____	Signature of inventor	_____ Katsuhide Kumagai
Date	_____	Signature of inventor	_____ Masahiko Miyata

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Date November 3. 2008

Witnessed by: Shigeaki Nishihashi

Date November 3. 2008

Witnessed by: Shigeaki Nishihashi

Date \_\_\_\_\_

Witnessed by: \_\_\_\_\_

Date \_\_\_\_\_

Witnessed by: \_\_\_\_\_

Case No. : \_\_\_\_\_

112253-US-MS/ns

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

(Inventors) Norio Yamamoto  
Nozomi Kitagawa  
Katsuhide Kumagai  
Masahiko Miyata

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) KABUSHIKI KAISHA TOKAI RIKAI DENKI a corporation of Japan  
SEISAKUSHO  
 (Address) 260, Toyota 3-chome, Ohguchi-cho, Niwa-gun, Aichi-pref., 480-0195 Japan

(Title) INPUT APPARATUS FOR VEHICLE  
 (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

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. 12/195792, on August 21, 2008.  
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date _____	Signature of inventor	<u>Norio Yamamoto</u>
Date _____	Signature of inventor	<u>Nozomi Kitagawa</u>
Date <u>31/ Oct. / 2008</u>	Signature of inventor	<u>Katsuhide Kumagai</u>
Date <u>31/ Oct. / 2008</u>	Signature of inventor	<u>Masahiko Miyata</u>

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Date	_____	Witnessed by:	_____
Date	_____	Witnessed by:	_____
Date	<u>31 / Oct. / 2008</u>	Witnessed by:	<u>Takamitsu Inaba</u>
Date	<u>31 / Oct. / 2008</u>	Witnessed by:	<u>Kazuhito Yagami</u>

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