

RECC

11-20-2002



102287525

Our Ref.: 2018-591

Commissioner of Patents and Trademarks  
Box Assignment, Washington, D.C. 20231

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

1. Name of conveying party(ies):

Junichi Ishikawa  
Masao Tokunaga

2. Name and address of receiving party(ies):

Name: DENSO CORPORATION

Internal Address: \_\_\_\_\_

Street Address: 1-1 Showa-cho

Kariya-city \_\_\_\_\_

City: Aichi-pref.

State/Country: Japan

Zip: 448-8661

Additional name/s of conveying party/ies attached? ☐

3. Nature of conveyance:

☐ Assignment

☐ Merger

☐ Security Assignment

☐ Change of Name

☒ Other

Record to correct error in inventor's  
execution date previously recorded on  
August 8, 2002; Reel/Frame  
013178/0349

Execution Date: July 29 & August 5, 2002

Additional name/s & address/es attached? ☒ Yes ☐ No

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: \_\_\_\_\_

A. Patent Application No(s).

(1) 10/214,141  
(2) \_\_\_\_\_  
(3) \_\_\_\_\_

B. Patent No(s).

(1) \_\_\_\_\_  
(2) \_\_\_\_\_  
(3) \_\_\_\_\_

Additional numbers attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Larry S. Nixon

Internal Address: \_\_\_\_\_

Street Address: Nixon & Vanderhye P.C.

1100 North Glebe Road

8<sup>th</sup> Floor

City: Arlington State: VA Zip: 22201

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, 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**.

DO NOT USE THIS SPACE

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

Name of Person Signing

Reg. No. 25,640

Larry S. Nixon  
Signature

November 14, 2002

Date

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

11/19/2002 DBYRNE

00000056 10214141

01 FC:8021

40.00 DP

RECORDATION FORM COVER SHEET

PATENTS ONLY

Our Ref: 2018-591

Commissioner of Patents and Trademarks  
Box Assignment, Washington, D.C. 20231

1. Name of conveying party(ies):	
2. Name: NIPPON SOKEN, INC. Street Address: 14, Iwaya, Shimohasumi,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)

RECO:

08-14-2002



Our Ref.: 2018-591

Commissioner of Patents and Trademarks  
Box Assignment, Washington, D.C. 20231

102189521

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

<p>1. Name of conveying party(ies): Junichi Ishikawa Masao Tokunaga  <i>08/08/02</i></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: <u>July 29, 2002</u></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</u> <u>Kariya-city</u> _____ 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>
--	---

<p>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: <u>July 29, 2002</u></p>	
<p>A. Patent Application No(s). (1) _____ (2) <i>10/214141</i> (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> _____ Internal Address: _____ Street Address: <u>Nixon &amp; Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8<sup>th</sup> Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>	<p>6. Total number of applications &amp; patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <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 deficiency, or credit any overpayment, 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.</p>
--	--

DO NOT USE THIS SPACE

<p>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.</p>	
<p><u>Larry S. Nixon</u> Name of Person Signing Reg. No. 25,640</p>	<p><i>Larry S. Nixon</i> Signature <u>August 8, 2002</u> Date</p>
<p>Total number of pages including original cover sheet, attachments, and document: [3]</p>	

08/09/2002 RHARIS1 00000061 10214141

02 FC:581

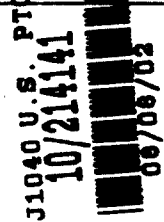
40.00 OP

RECORDATION FORM COVER SHEET

**PATENTS ONLY**

Our Ref: 2018-591

Commissioner of Patents and Trademarks  
Box Assignment, Washington, D.C. 20231

1. Name of conveying party(ies):															
2. Name: NIPPON SOKEN, INC. Street Address: 14, Iwaya, Shimohasumi, Nishio-city City: Aichi-pref. State: Japan Zip: 445-0012															
4. Application number(s) or patent number(s): <table border="1"><thead><tr><th>A. Patent Application No(s).</th><th>B. Patent No(s).</th></tr></thead><tbody><tr><td>(4)</td><td>(4)</td></tr><tr><td>(5)</td><td>(5)</td></tr><tr><td>(6)</td><td>(6)</td></tr><tr><td>(7)</td><td>(7)</td></tr><tr><td>(8)</td><td>(8)</td></tr><tr><td>(9)</td><td>(9)</td></tr></tbody></table>			A. Patent Application No(s).	B. Patent No(s).	(4)	(4)	(5)	(5)	(6)	(6)	(7)	(7)	(8)	(8)	(9)
A. Patent Application No(s).	B. Patent No(s).														
(4)	(4)														
(5)	(5)														
(6)	(6)														
(7)	(7)														
(8)	(8)														
(9)	(9)														

Case No. : S7096-US-MDF/yo

## ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Junichi ISHIKAWA  
Masao TOKUNAGA

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., 445-0012 Japan

(Title) (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 VEHICLE WINDSHIELD RAIN SENSOR  
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 July 29, 2002 Signature of inventor Junichi Ishikawa  
Junichi ISHIKAWA

Date August 5, 2002 Signature of inventor Masao Tokunaga  
Masao TOKUNAGA

Date July 29, 2002 Witnessed by: Osamu TERAKURA

Date August 5, 2002 Witnessed by: Shinji Ando

264637

# ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Junichi ISHIKAWA  
Masao TOKUNAGA

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., 445-0012 Japan

(Title) (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 **VEHICLE WINDSHIELD RAIN SENSOR**

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 July 29, 2002 Signature of inventor Junichi Ishikawa  
Junichi ISHIKAWA

Date August 5, 2002 Signature of inventor Masao Tokunaga  
Masao TOKUNAGA

Date July 29, 2002 Witnessed by: Osamu TERAKURA

Date August 5, 2002 Witnessed by: Shinji Ando

264637