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RECORDATION	FORM COVER SHE
PATENTS ONLY Express Mail Label No. To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below. Second 21	
1. Name of conveying parties & Execution Dates:	
Takafumi Nishi December 16, 2009	2. Name and address of receiving party(ies)
Akira Takaoka December 16, 2009	1) Name: DENSO CORPORATION Address: 1-1, Showa-cho
Shiro Koide December 18, 2009	Kariya-city, Aichi-pref.
Ichiro Shigetomi December 18, 2009	Japan 448-8661
Additional name of conveying party(ies) attached? Yes X I 3. Nature of conveyance:	2) Name: Nippon Soken, Inc.
🛛 Assignment 🗌 Merger	Address: 14, Iwaya, Shimohasumi-cho
Security Agreement Change of Name	Nishio-city, Aichi-pref.
Government Interest Assignment	Japan 445-0012
Executive Order 9424, Confirmatory License	Additional Name(s) & address(es) attached? 🗌 Yes 🛛 No
Other	
4. Application number(s) or patent number(s):	This document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached? Yes X No	
 Name and address of party to whom correspondence concerning this document should be mailed: 	6. Total number of applications and patents involved: 1
Name: H. Keith Miller, Esq.	- 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Harness, Dickey & Pierce, P.L.C.	Authorized to be charged by credit card
·	Authorized to be charged to deposit account
Street Address: P.O. Box 828	
City: Bloomfield Hills	None required (government interest not affecting title)
State: MI Zip: <u>48303</u>	8. Payment Information
Phone Number : 248-641-1600	a. Credit Card Last 4 Numbers Expiration Date
Fax Number: 248-641-0270	b. Deposit Account Number 08-0750
Email Address:	Authorized User Name H. Keith Miller, Esg.
9. Signature :	January 7, 2010
H. Keith Miller, Esq., Reg. No. 22,484	Date Total number of pages including cover sheet, attachments, and documents 2
Name of Person Signing Documents to be recorded (including	cover sheet) should be faxed to (703) 306-5995, or mailed to: Director of the LISPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450
Mail Stop Assignment Recordation Services	Cover sheet) should be lake to (ros) Alexandria, V.A. 22313-1450 Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 01/1/2010 EFLORES C320093 12655814 94 FC:3021 40.03 0P PATENT REEL: 023815 FRAME: 0013

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ASSIGNMENT BY INVENTORS

Sole or Joint

WHEREAS, the undersigned, hereinafter referred to as Assignor(s), have invented

HELICAL ANTENNA AND IN-VEHICLE ANTENNA INCLUDING THE HELICAL ANTENNA

for which the undersigned executed an application for Letters Patent of the United States of America:

even date herewith (A) X

(B) on in U.S. Appln. No. filed (C)

AND WHEREAS.

DENSO CORPORATION, 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan

NIPPON SOKEN, INC.,14, Iwaya, Shimohasumi-cho, Nishio-city, Aichi-pref., 445-0012 Japan

hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignors by these presents do sell, assign and transfer unto Assignee, its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention as described in the specification executed by Assignors of even date preparatory to filing a United States application for patent therefor, said invention and all United States applications for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignors had this assignment and sale not been made; and Assignors hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of United States application for patent and all foreign countries on, for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor for the benefit of Assignee without further or other compensation than that above set forth; and Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee(s).

Tahafumi Nishi nventor 1: Takafumi Nishi

Ukiro Jakaoka Akira Takaoka

in Kaide

Shiro Koide Inventor 3:

ibre Strigetont Ichiro Shigetomi

Inventor 4:

Decemper 16, 2009 Date Witness

December 16, 2009 Kenichiro Danji Date Witness December 18. 2009 Masayahi Nakaluchi Date Witness

Date Date Masayuki Nababuch

PATENT REEL: 023815 FRAME: 0014

RECORDED: 01/07/2010