

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Takafumi Nishi</td> <td>03/13/2012</td> </tr> <tr> <td>Yuji Sugimoto</td> <td>03/05/2012</td> </tr> <tr> <td>Masayuki Nakabuchi</td> <td>02/23/2012</td> </tr> <tr> <td>Ichiro Shigetomi</td> <td>02/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Takafumi Nishi	03/13/2012	Yuji Sugimoto	03/05/2012	Masayuki Nakabuchi	02/23/2012	Ichiro Shigetomi	02/22/2012
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<table border="1"> <tr> <td>Name:</td> <td>Nippon Soken, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>14, Iwaya, Shimohasumi-cho</td> </tr> <tr> <td>City:</td> <td>Nishio-city, Aichi-pref.</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>445-0012</td> </tr> </table>		Name:	Nippon Soken, Inc.	Street Address:	14, Iwaya, Shimohasumi-cho	City:	Nishio-city, Aichi-pref.	State/Country:	JAPAN	Postal Code:	445-0012
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13424702</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13424702						
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Application Number:	13424702										
CORRESPONDENCE DATA											
Fax Number:	(248)641-0270										
Phone:	248-641-1600										
Email:	rcfaul@hdp.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	HARNESS, DICKEY & PIERCE, P.L.C.										

CH \$40.00 13424702

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Address Line 4: BLOOMFIELD HILLS, MICHIGAN 48303

ATTORNEY DOCKET NUMBER:	4041J-001944/US
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NAME OF SUBMITTER:	H. Keith Miller
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Total Attachments: 1 source=Assignment_4041J-001944#page1.tif
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ASSIGNMENT BY INVENTORS

Sole or Joint

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

MULTI-BAND ANTENNA ✓

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

- (A) even date herewith
- (B) on _____
- (C) in U.S. Appln. No. 13/424,702 filed 03/20/2012

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).

Takafumi Nishi
Inventor 1: **Takafumi Nishi**

March 13, 2012
Date

Mikiya Nakano
Witness

Yuji Sugimoto
Inventor 2: **Yuji Sugimoto**

March 5, 2012
Date

Akira Takaoka
Witness

Masayuki Nakabuchi
Inventor 3: **Masayuki Nakabuchi**

February 23, 2012
Date

Yuji Sato
Witness

Ichiro Shigetomi
Inventor 4: **Ichiro Shigetomi**

February 22, 2012
Date

Katsuhiko Ohara
Witness