

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mariko OKUDE	07/23/2010
Michihito MIZUNO	07/30/2010
Hirofumi KOMINE	07/30/2010
Kenji SUZUKI	07/29/2010
Shinichi AMAYA	08/10/2010
Yuji OOHARA	08/24/2010

RECEIVING PARTY DATA

Name:	Hitachi Automotive Systems, Ltd.
Street Address:	2520, Takaba
City:	Hitachinaka-shi, Ibaraki
State/Country:	JAPAN
Postal Code:	312-8503

Name:	Clarion Co., Ltd.
Street Address:	5-35-2, Hakusan
City:	Bunkyo-ku, Tokyo
State/Country:	JAPAN
Postal Code:	112-8608

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12826361

CORRESPONDENCE DATA

Fax Number: (202)628-8844
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 2026242500
 Email: therring@crowell.com

OP \$40.00 12826361

501285840

**PATENT
 REEL: 024961 FRAME: 0442**

Correspondent Name: Crowell & Moring, LLP
Address Line 1: P.O. Box 14300
Address Line 2: Intellectual Property Group
Address Line 4: Washington, DISTRICT OF COLUMBIA 20044-4300

ATTORNEY DOCKET NUMBER:	106521.62659US
-------------------------	----------------

NAME OF SUBMITTER:	Stephen W. Palan
--------------------	------------------

Total Attachments: 2
source=62659US_EXECUTED_ASSIGNMENT#page1.tif
source=62659US_EXECUTED_ASSIGNMENT#page2.tif

ASSIGNMENT
(譲渡証)

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Mariko OKUDE, Michihito MIZUNO, Hirofumi KOMINE, Kenji SUZUKI, Shinichi AMAYA and Yuji OOHARA, citizens of Japan, by Hitachi Automotive Systems, Ltd. and Clarion Co., Ltd., corporations organized under the laws of Japan, located at 2520, Takaba, Hitachinaka-shi, Ibaraki 312-8503 Japan, and 5-35-2, Hakusan, Bunkyo-ku, Tokyo 112-8608 Japan respectively, receipt of which is hereby acknowledged, we, the said Mariko OKUDE, Michihito MIZUNO, Hirofumi KOMINE, Kenji SUZUKI, Shinichi AMAYA and Yuji OOHARA, do hereby sell and assign to said Hitachi Automotive Systems, Ltd. and Clarion Co., Ltd., their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

ROUTE GUIDANCE SERVER, NAVIGATION APPARATUS, ROUTE GUIDANCE SYSTEM, AND ROUTE GUIDANCE METHOD

Invented by us and described in the application for United States Letters Patent therefor,

Serial No. 12/826,361, filed on June 29, 2010

executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi Automotive Systems, Ltd. and Clarion Co., Ltd., their successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi Automotive Systems, Ltd. and Clarion Co., Ltd..

Signed on the date(s) indicated aside signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	<u>Mariko Okude</u> Mariko OKUDE	<u>7/23/2010</u>
2)	<u>Michihito Mizuno</u> Michihito MIZUNO	<u>7/30/2010</u>
3)	<u>Hirofumi Komine</u> Hirofumi KOMINE	<u>7/30/2010</u>
4)	<u>Kenji Suzuki</u> Kenji SUZUKI	<u>7/29/2010</u>

5) Shinichi Amaya
Shinichi AMAYA

8/10/2010

6) Yuji Ohara
Yuji OOHARA

8/27/2010