

PATENT ASSIGNMENT

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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>Katsuhiro Sakai</td> <td>09/18/2011</td> </tr> <tr> <td>Hiromitsu Urano</td> <td>09/18/2011</td> </tr> <tr> <td>Kazuaki Aso</td> <td>10/06/2011</td> </tr> <tr> <td>Masahiro Harada</td> <td>09/18/2011</td> </tr> <tr> <td>Toshiki Kindo</td> <td>09/18/2011</td> </tr> </tbody> </table>		Name	Execution Date	Katsuhiro Sakai	09/18/2011	Hiromitsu Urano	09/18/2011	Kazuaki Aso	10/06/2011	Masahiro Harada	09/18/2011	Toshiki Kindo	09/18/2011
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RECEIVING PARTY DATA													
Name:	Toyota Jidosha Kabushiki Kaisha												
Street Address:	1, Toyota-cho												
City:	Toyota-shi, Aichi-ken												
State/Country:	JAPAN												
Postal Code:	471-8571												
PROPERTY NUMBERS Total: 1													
Property Type	Number												
Application Number:	13321159												
CORRESPONDENCE DATA													
Fax Number:	(248)647-5210												
Phone:	248-647-6000												
Email:	ttomayko@patlaw.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:	Thomas E. Anderson, Gifford, Krass et al												
Address Line 1:	PO Box 7021												
Address Line 4:	Troy, MICHIGAN 48007-7021												
ATTORNEY DOCKET NUMBER:	TMCS-11402/08												
NAME OF SUBMITTER:	Thomas E. Anderson												
Total Attachments: 2 source=SCAN_MR_4049_000#page1.tif source=SCAN_MR_4049_000#page2.tif													

OP \$40.00 13321159

ASSIGNMENT

Whereas, I/we,

NameAddress

1) Katsuhiko SAKAI Hadano-shi, Kanagawa, Japan

2) Hiromitsu URANO Susono-shi, Shizuoka, Japan

3) Kazuaki ASO Susono-shi, Shizuoka, Japan

4) Masahiro HARADA Atsugi-shi, Kanagawa, Japan

5) Toshiki KINDO Yokohama-shi, Kanagawa, Japan

hereinafter called assignor(s), have invented certain improvements in
ROUTE EVALUATION DEVICE

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on November 17, 2011, Serial No. 13/321,159; and

Whereas

TOYOTA JIDOSHA KABUSHIKI KAISHA

1, Toyota-cho,
Toyota-shi, Aichi 471-8571 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

INVENTORSDATE SIGNED

1): Katsuhiko Sakai
Name: Katsuhiko SAKAI

09/18/2011

2): Hiromitsu Urano
Name: Hiromitsu URANO

09/18/2011

3): Kazuaki Aso
Name: Kazuaki ASO

10/06/2011

4): Masahiro Harada
Name: Masahiro HARADA

09/18/2011

5):
Name:

Toshiki Kindo

Toshiki KINDO

09/18/2011