

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>Toshiya OISHI</td> <td>05/07/2012</td> </tr> <tr> <td>Masato KAIGAWA</td> <td>05/07/2012</td> </tr> <tr> <td>Masashi TAKAGI</td> <td>05/07/2012</td> </tr> <tr> <td>Michihito SHIMADA</td> <td>05/07/2012</td> </tr> <tr> <td>Yuki MINASE</td> <td>05/07/2012</td> </tr> <tr> <td>Kenichi OKAYA</td> <td>05/07/2012</td> </tr> <tr> <td>Tsutomu MIYAZAKI</td> <td>05/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Toshiya OISHI	05/07/2012	Masato KAIGAWA	05/07/2012	Masashi TAKAGI	05/07/2012	Michihito SHIMADA	05/07/2012	Yuki MINASE	05/07/2012	Kenichi OKAYA	05/07/2012	Tsutomu MIYAZAKI	05/07/2012
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<table border="1"> <tr> <td>Name:</td> <td>TOYOTA JIDOSHA KABUSHIKI KAISHA</td> </tr> <tr> <td>Street Address:</td> <td>1, Toyota-cho</td> </tr> <tr> <td>City:</td> <td>Toyota-shi, Aichi</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>471-8571</td> </tr> </table>		Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	Street Address:	1, Toyota-cho	City:	Toyota-shi, Aichi	State/Country:	JAPAN	Postal Code:	471-8571						
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CORRESPONDENCE DATA																	
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OP \$40.00 13515108

ATTORNEY DOCKET NUMBER:	15577/2
NAME OF SUBMITTER:	Matthew G. Kuspa
Total Attachments: 2 source=15577-2_Assignment#page1.tif source=15577-2_Assignment#page2.tif	

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to: TOYOTA JIDOSHA KABUSHIKI KAISHA having the address:

1, Toyota-cho, Toyota-shi, Aichi 471-8571, Japan (hereafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States invention, and all applications for patent and any Letters Patent which may be granted therefore, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said

ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by assignor(s) if the assignment had not been made, the application being known by the title:

VEHICLE CONTROL APPARATUS

Attorney Docket No.:

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Filing Date

International Filing Number

US Serial No.

1. The undersigned hereby agree(s) to sign and execute any further documents and 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, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto the ASSIGNEE.

2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with the claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.

3. 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.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of patents in the United States to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of KENYON & KENYON LLP the power to insert on this agreement any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS THEREBY, executed by the undersigned on the date(s) opposite the undersigned name(s).

Toshiya Oishi
signed

May 7, 2012
Date

Toshiya OISHI
Typed Name

Masato Kaigawa
signed

May 7, 2012
Date

Masato KAIGAWA
Typed Name

Masashi Takagi
signed

May 7, 2012
Date

Masashi TAKAGI
Typed Name

Michihito Shimada
signed

May 7, 2012
Date

Michihito SHIMADA
Typed Name

Yuki Minase
signed

May 7, 2012
Date

Yuki MINASE
Typed Name

Kenichi Okaya
signed

May 7, 2012
Date

Kenichi OKAYA
Typed Name

Tsutomu Miyazaki
signed

May 7, 2012
Date

Tsutomu MIYAZAKI
Typed Name

This assignment may be signed before a U.S. Notary Public or before at least two witnesses who also signed here:

signed

Date

Typed Name

signed

Date

Typed Name