

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Atsushi Ayabe	10/30/2009
Tomohiro Asami	10/30/2009
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:	12624700
CORRESPONDENCE DATA	
Fax Number:	(248)647-5210
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	248-647-6000
Email:	docket@patlaw.com
Correspondent Name:	GIFFORD, KRASS, SPRINKLE, ANDERSON & CITK
Address Line 1:	PO BOX 7021
Address Line 4:	TROY, MICHIGAN 48007-7021
ATTORNEY DOCKET NUMBER:	TMCR-10202/08
NAME OF SUBMITTER:	Thomas E. Anderson
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OP \$40.00 12624700

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PATENT
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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Atsushi AYABE; and Tomohiro ASAMI
(hereinafter referred to as Assignors), residing at Toyota-shi, Aichi-ken, Japan; and Nissin-shi, Aichi-ken, Japan; respectively;

WHEREAS, Assignors have invented certain new and useful improvements in
(title) VEHICLE CONTROL APPARATUS

a Patent application for Letters Patent of the United States, filed on 11/24/09

as U.S. Application No. 12/624,700 and

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA organized under and
pursuant to the laws of Japan having its principal place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 JAPAN (hereinafter referred to as Assignee), is desirous of acquiring the
entire right, title and interest in and to said inventions and said Application for Letters Patent of
the United States, and in and to any Letters Patent of the United States to be obtained therefore
and thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt and
sufficiency of which is hereby acknowledged, Assignors have sold, assigned, transferred and
set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its
successors, legal representatives and assigns, the entire right, title and interest in and to the
above-mentioned inventions and application for Letters Patent, and in and to any and all direct
and indirect divisions, continuations and continuations-in-part of said application, and any and
all Letters Patent in the United States and all foreign countries which may be granted therefor
and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights
under the International Convention for the Protection of Industrial Property, the same to be held
and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors,
legal representatives and assigns, to the full end of the term or terms for which Letters Patent
may be granted and/or extended, as fully and entirely as the same would have been held and
enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment 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:

GIFFORD, KRASS, SPRINKLE, ANDERSON & CITKOWSKI, P.C.

All practitioners at Customer Number 25006

AND Assignors acknowledge an obligation of assignment of this invention to
Assignee at the time the invention was made.

Date: Oct. 30, 2009

Signature: *Atsushi Ayabe*
Inventor: Atsushi AYABE

Date: Oct. 30, 2009

Signature: *Tomohiro Asami*
Inventor: Tomohiro ASAMI

Date: _____

Signature: _____
Inventor: _____

Date: _____

Signature: _____
Inventor: _____