

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>Akihiro UEDA</td><td>12/02/2008</td></tr><tr><td>Iwao MAEDA</td><td>12/02/2008</td></tr><tr><td>Kiyomi NAGAMIYA</td><td>12/02/2008</td></tr><tr><td>Naoto SHIBATA</td><td>12/02/2008</td></tr></tbody></table>	Name	Execution Date	Akihiro UEDA	12/02/2008	Iwao MAEDA	12/02/2008	Kiyomi NAGAMIYA	12/02/2008	Naoto SHIBATA	12/02/2008	
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Naoto SHIBATA	12/02/2008										
RECEIVING PARTY DATA											
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State/Country:	JAPAN										
Postal Code:	471-8571										
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>12306013</td></tr></tbody></table>	Property Type	Number	Application Number:	12306013							
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Application Number:	12306013										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Ann Denikos										
Total Attachments: 1 source=Assignment#page1.tif											

OP \$40.00 12306013

PATENT

500737716

REEL: 022014 FRAME: 0047

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:
ATTITUDE-ANGLE DETECTING APPARATUS AND ATTITUDE-ANGLE DETECTING METHOD

for which I/WE executed an application for United States Letters Patent concurrently herewith or filed an application for
United States Letters Patent on (Application No.); and

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA
a corporation of Japan

whose post office address is 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan;

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the
application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee 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.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney
in this application, to insert here in parentheses (Application No. , filed ,) the
filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Akihiro UEDA	ASSIGNOR'S SIGNATURE <i>Akihiro Ueda</i>	DATE December 2, 2008
ADDRESS Toyota-shi, Aichi-ken, Japan		CITIZENSHIP Japanese
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Iwao MAEDA	ASSIGNOR'S SIGNATURE <i>Iwao Maeda</i>	DATE December 2, 2008
ADDRESS Nagoya-shi, Aichi-ken, Japan		CITIZENSHIP Japanese
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Kiyomi NAGAMIYA	ASSIGNOR'S SIGNATURE <i>Kiyomi Nagamiya</i>	DATE December 2, 2008
ADDRESS Nissin-shi, Aichi-ken, Japan		CITIZENSHIP Japanese
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Naoto SHIBATA	ASSIGNOR'S SIGNATURE <i>Naoto Shibata</i>	DATE December 2, 2008
ADDRESS Toyota-shi, Aichi-ken, Japan		CITIZENSHIP Japanese