# PATENT ASSIGNMENT

**Electronic Version v1.1**  
**Stylesheet Version v1.1**

## SUBMISSION TYPE:
NEW ASSIGNMENT

## NATURE OF CONVEYANCE:
ASSIGNMENT

## CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Koji Uematsu</td>
<td>04/04/2011</td>
</tr>
<tr>
<td>Kazuhiro Hatake</td>
<td>04/01/2011</td>
</tr>
<tr>
<td>Azumi Nomura</td>
<td>04/01/2011</td>
</tr>
</tbody>
</table>

## RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Komatsu Ltd.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address</td>
<td>2-3-6, Akasaka</td>
</tr>
<tr>
<td>Internal Address</td>
<td>Minato-ku</td>
</tr>
<tr>
<td>City</td>
<td>Tokyo</td>
</tr>
<tr>
<td>State/Country</td>
<td>JAPAN</td>
</tr>
<tr>
<td>Postal Code</td>
<td>107-8414</td>
</tr>
</tbody>
</table>

## PROPERTY NUMBERS Total: 1

<table>
<thead>
<tr>
<th>Property Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Number</td>
<td>13142053</td>
</tr>
</tbody>
</table>

## CORRESPONDENCE DATA

Fax Number: (877)769-7945  
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.  
Phone: (202) 783-5070  
Email: apsi@fr.com  
Correspondent Name: Sushil Shrinivasan  
Address Line 1: FISH & RICHARDSON P.C.  
Address Line 2: P.O. BOX 1022  
Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

## ATTORNEY DOCKET NUMBER:
29292-0014US1

## NAME OF SUBMITTER:
Pamela J. Morris

## Total Attachments: 3
source=Assignment#page1.tif  
source=Assignment#page2.tif  
source=Assignment#page3.tif
<table>
<thead>
<tr>
<th>Assignment</th>
<th>譲渡</th>
</tr>
</thead>
<tbody>
<tr>
<td>ここにその受領と充足性が確認された善良で価値ある配慮の故に、文末に署名した者は、</td>
<td>For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s) over to:</td>
</tr>
<tr>
<td>免</td>
<td>KOMATSU LTD.</td>
</tr>
<tr>
<td>住所</td>
<td>Having the address:</td>
</tr>
<tr>
<td>2-3-6, Akasaka, Minato-ku, Tokyo 107-8414, Japan</td>
<td></td>
</tr>
<tr>
<td>(以下「譲受人」と呼ぶ)と、その繼承人および譲受人に</td>
<td>(hereinafter designated as the &quot;ASSIGNEE&quot;), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may granted therefor, including said application, and all United States Letters Patents which may be granted therefor, and all divisions, reissues, continuations, and extensions therefor, 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 enjoyed by assignor(s) if this assignment had not been made, the application being known by the title:</td>
</tr>
<tr>
<td>対して、</td>
<td>VEHICLE SPEED ESTIMATOR AND TRACTION CONTROL DEVICE</td>
</tr>
<tr>
<td>(発明の名称)</td>
<td>Attorney Docket No.: 29292-0014US1 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:</td>
</tr>
<tr>
<td>非特許必要番号</td>
<td>Serial No.: 13/142,053 Filing Date: June 24, 2011</td>
</tr>
</tbody>
</table>

〜 Fish & Richardson P.C.〜
Assignment

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 or interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

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

3. The undersigned hereby 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 the said application or any division or divisions or continuing application thereof to the ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Fish & Richardson P.C. 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.

~ Fish & Richardson P.C.
Assignment

IN WITNESS WHEREBY, executed by the undersigned on the date(s) opposite the undersigned Name(s)

Date

Typed Name

Koji UEMATSU

4.4.2011

Date

Typed Name

Kazuhiro HATAKE

4.1.2011

Date

Typed Name

Azumi NOMURA

4.1.2011

Date

Typed Name

Takayuki IKEDA

4.4.2011

Typed Name

Takashi NAGAYOSHI

4.4.2011

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

Date

Typed Name

Fish & Richardson P.C.

Page 3 of 3