

## PATENT ASSIGNMENT

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 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>Jun-ichi DEGUCHI</td> <td>09/21/2012</td> </tr> <tr> <td>Kazuya ARAKAWA</td> <td>09/24/2012</td> </tr> <tr> <td>Kensuke YOSHIKUE</td> <td>09/24/2012</td> </tr> </tbody> </table>                                                          |                                 | Name          | Execution Date                  | Jun-ichi DEGUCHI    | 09/21/2012    | Kazuya ARAKAWA | 09/24/2012        | Kensuke YOSHIKUE | 09/24/2012 |              |          |
| Name                                                                                                                                                                                                                                                                                                                                             | Execution Date                  |               |                                 |                     |               |                |                   |                  |            |              |          |
| Jun-ichi DEGUCHI                                                                                                                                                                                                                                                                                                                                 | 09/21/2012                      |               |                                 |                     |               |                |                   |                  |            |              |          |
| Kazuya ARAKAWA                                                                                                                                                                                                                                                                                                                                   | 09/24/2012                      |               |                                 |                     |               |                |                   |                  |            |              |          |
| Kensuke YOSHIKUE                                                                                                                                                                                                                                                                                                                                 | 09/24/2012                      |               |                                 |                     |               |                |                   |                  |            |              |          |
| RECEIVING PARTY DATA                                                                                                                                                                                                                                                                                                                             |                                 |               |                                 |                     |               |                |                   |                  |            |              |          |
| <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 |
| Name:                                                                                                                                                                                                                                                                                                                                            | TOYOTA JIDOSHA KABUSHIKI KAISHA |               |                                 |                     |               |                |                   |                  |            |              |          |
| Street Address:                                                                                                                                                                                                                                                                                                                                  | 1, Toyota-cho                   |               |                                 |                     |               |                |                   |                  |            |              |          |
| City:                                                                                                                                                                                                                                                                                                                                            | Toyota-shi, Aichi               |               |                                 |                     |               |                |                   |                  |            |              |          |
| 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>13641963</td> </tr> </tbody> </table>                                                                                                                                                                        |                                 | Property Type | Number                          | Application Number: | 13641963      |                |                   |                  |            |              |          |
| Property Type                                                                                                                                                                                                                                                                                                                                    | Number                          |               |                                 |                     |               |                |                   |                  |            |              |          |
| Application Number:                                                                                                                                                                                                                                                                                                                              | 13641963                        |               |                                 |                     |               |                |                   |                  |            |              |          |
| CORRESPONDENCE DATA                                                                                                                                                                                                                                                                                                                              |                                 |               |                                 |                     |               |                |                   |                  |            |              |          |
| <p>Fax Number: 7034132220<br/> <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000<br/>       Email: asomaiel@oblon.com<br/>       Correspondent Name: Oblon, Spivak, et al.<br/>       Address Line 1: 1940 Duke Street<br/>       Address Line 4: Alexandria, VIRGINIA 22314</p> |                                 |               |                                 |                     |               |                |                   |                  |            |              |          |
| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                                                                                                                                                          | 405663US71PCT                   |               |                                 |                     |               |                |                   |                  |            |              |          |
| NAME OF SUBMITTER:                                                                                                                                                                                                                                                                                                                               | Adel Samuel                     |               |                                 |                     |               |                |                   |                  |            |              |          |
| <p>Total Attachments: 2<br/>       source=405663USAssignment#page1.tif<br/>       source=405663USAssignment#page2.tif</p>                                                                                                                                                                                                                        |                                 |               |                                 |                     |               |                |                   |                  |            |              |          |

OP \$40.00 13641963

PATENT

## Assignment of Application

INSERT NAMES  
AND RESIDENCE  
ADDRESS OF  
THE INVENTORS:

WHEREAS, I (WE) Jun-ichi DEGUCHI of Susono-shi, Shizuoka, Japan,  
Kazuya ARAKAWA of Fujinomiya-shi, Shizuoka, Japan, and  
Kensuke YOSHIKUE of Susono-shi, Shizuoka, Japan  
 \_\_\_\_\_  
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 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_, respectively,

INSERT TITLE OF  
INVENTION:

have invented certain new and useful improvements in: MOTOR COOLING DEVICE  
 \_\_\_\_\_  
 (Application No. 13/641,963, filed October 18, 2012), and

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE:

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA  
 (hereinafter referred to as "ASSIGNEES") having places of business at: 1, Toyota-cho, Toyota-shi, Aichi, 471-8571,  
Japan, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said  
 invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial  
 possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby  
 acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer  
 unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial  
 possessions and in all foreign countries (including the right to claim priority under the terms of the International  
 Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the  
 entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and  
 its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues,  
 continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions  
 and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the  
 assignees of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES,  
 their successors and assigns, 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 held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or their representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date: 21 / 9 / 2012

Jun-ichi Deguchi  
 (Signature of Inventor) Jun-ichi DEGUCHI

Date: 24 / 9 / 2012

Kazuya Arakawa  
 (Signature of Inventor) Kazuya ARAKAWA

Date: 24 / 9 / 2012

Kensuke Yoshizue  
 (Signature of Inventor) Kensuke YOSHIKUE

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
 ATTORNEYS AT LAW  
 1940 DUKE STREET  
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