

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr><td>Yukari ARAKI</td><td>04/17/2009</td></tr> <tr><td>Nobutaka TAKEUCHI</td><td>04/17/2009</td></tr> <tr><td>Osamu SHINTANI</td><td>04/17/2009</td></tr> <tr><td>Kazuya NAKAGAKI</td><td>04/17/2009</td></tr> <tr><td>Daisuke MURAKAMI</td><td>04/17/2009</td></tr> <tr><td>Masanori SHIBATA</td><td>04/17/2009</td></tr> <tr><td>Hisao NONOYAMA</td><td>04/17/2009</td></tr> </tbody> </table>		Name	Execution Date	Yukari ARAKI	04/17/2009	Nobutaka TAKEUCHI	04/17/2009	Osamu SHINTANI	04/17/2009	Kazuya NAKAGAKI	04/17/2009	Daisuke MURAKAMI	04/17/2009	Masanori SHIBATA	04/17/2009	Hisao NONOYAMA	04/17/2009
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<b>CORRESPONDENCE DATA</b>																	
<p>Fax Number: (703)413-2220  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000        Email: sbadic@oblon.com        Correspondent Name: Oblon, Spivak, et al.        Address Line 1: 1940 Duke Street        Address Line 4: Alexandria, VIRGINIA 22314</p>																	
<b>ATTORNEY DOCKET NUMBER:</b>	341739US26																

OP \$40.00 12434825

**500851722**

**PATENT**  
**REEL: 022637 FRAME: 0551**

NAME OF SUBMITTER:

Svjetlana Badic

Total Attachments: 2

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# Assignment of Application

Page 1 of 2

INSERT NAMES  
AND RESIDENCE  
ADDRESS OF  
THE INVENTORS.

WHEREAS, I (WE) Yukari ARAKI of Chiryu-shi, Aichi-ken, Japan,  
Nobutaka TAKEUCHI of Nishikamo-gun, Aichi-ken, Japan,  
Osamu SHINTANI of Toyota-shi, Aichi-ken, Japan,  
Kazuya NAKAGAKI of Toyota-shi, Aichi-ken, Japan,  
Daisuke MURAKAMI of Toyota-shi, Aichi-ken, Japan,  
Masanori SHIBATA of Toyota-shi, Aichi-ken, Japan, and  
Hisao NONOYAMA of Kariya-shi, Aichi-ken, Japan

INSERT TITLE  
OF INVENTION

, respectively,  
have invented certain new and useful improvements in: COOLING APPARATUS FOR INTERNAL  
COMBUSTION ENGINE, METHOD OF CONTROLLING THE SAME, AND HYBRID VEHICLE  
INCLUDING THE SAME

INSERT DATE IN-  
VENTORS SIGNED  
DECLARATION

for which an application for Letters Patent was executed on \_\_\_\_\_  
(Application No. \_\_\_\_\_, filed \_\_\_\_\_), and

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA  
(hereinafter referred to as "ASSIGNEE") having a place of business at: \_\_\_\_\_  
1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan

is desirous of acquiring 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 ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries 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 ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) 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.

03/03

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) 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 Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) 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, P.C. 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: April 17, 2009

*Yukari Araki*  
(Signature of Inventor) Yukari ARAKI

Date: April 17, 2009

*Nobutaka Takeuchi*  
(Signature of Inventor) Nobutaka TAKEUCHI

Date: April 17, 2009

*Osamu Shintani*  
(Signature of Inventor) Osamu SHINTANI

Date: April 17, 2009

*Kazuya Nakagaki*  
(Signature of Inventor) Kazuya NAKAGAKI

Date: April 17, 2009

*Daisuke Murakami*  
(Signature of Inventor) Daisuke MURAKAMI

Date: April 17, 2009

*Masanori Shibata*  
(Signature of Inventor) Masanori SHIBATA

Date: April 17, 2009

*Hisao Nonoyama*  
(Signature of Inventor) Hisao NONOYAMA

Date: \_\_\_\_\_

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

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