

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Hisayo YOSHIKAWA		07/10/2008
Masahiro ITO		07/10/2008
Kenji KASASHIMA		07/10/2008
RECEIVING PARTY DATA		
Name:	DENSO CORPORATION	
Street Address:	1-1, Showa-cho	
City:	Kariya-city, Aichi-pref.	
State/Country:	JAPAN	
Postal Code:	448-8661	
Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	
Street Address:	1, Toyota-cho	
City:	Toyota-city, Aichi-pref.	
State/Country:	JAPAN	
Postal Code:	471-8571	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12280059	
CORRESPONDENCE DATA		
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Phone:	7038164000	
Email:	cmg@nixonvan.com	
Correspondent Name:	NIXON & VANDERHYE PC	
Address Line 1:	901 NORTH GLEBE ROAD	
Address Line 2:	11TH FLOOR	

OP \$40.00 12280059

**500626018**

**PATENT**  
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Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:

MNL-2018-2084

NAME OF SUBMITTER:

Michelle N. Lester

Total Attachments: 4

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### ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Hisayo Yoshikawa  
Masahiro Ito  
Kenji Kasashima

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) DENSO CORPORATION a corporation of Japan  
(Address) 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan  
(Assignee) TOYOTA JIDOSHA KABUSHIKI KAISHA a corporation of Japan  
(Address) 1, Toyota-cho, Toyota-city, Aichi-pref., 471-8571 Japan

(Title) ENGINE CONTROL SYSTEM  
(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as  
for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on \_\_\_\_\_ or has already filed U.S. application Serial No. \_\_\_\_\_, on \_\_\_\_\_.

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

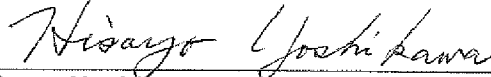
The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to 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.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE 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 Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date	<u>July 10, 2008</u>	Signature of inventor	<u></u> Hisayo Yoshikawa
Date	_____	Signature of inventor	_____ Masahiro Ito
Date	_____	Signature of inventor	_____ Kenji Kasashima

Date	<u>July 10 2008</u>	Witnessed by:	<u>Masato Katsumo</u>
Date	<u>                    </u>	Witnessed by:	<u>                    </u>
Date	<u>                    </u>	Witnessed by:	<u>                    </u>

Case No. : \_\_\_\_\_

99727-UST-MAK/ns

**ASSIGNMENT OF U.S. PATENT APPLICATION**

(Inventors) Hisayo Yoshikawa  
Masahiro Ito  
Kenji Kasashima

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 for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on \_\_\_\_\_ or has already filed U.S. application Serial No. \_\_\_\_\_, on \_\_\_\_\_.

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date \_\_\_\_\_ Signature of inventor

Hisayo Yoshikawa

Date July 10, 2008 Signature of inventor

Masahiro Ito

Masahiro Ito

Date July 10, 2008 Signature of inventor

Kenji Kasashima

Kenji Kasashima

264637

Date \_\_\_\_\_

Witnessed by: \_\_\_\_\_

Date July 10, 2008

Witnessed by: Noboru Tabaji

Date July 10, 2008

Witnessed by: Takao Komoda