

ASSIGNMENT OF PATENT APPLICATION

(Inventors)

- 1) Shinya HOSHI
- 2) Koji ISHIZUKA
- 3) Kazuhiro HIGUCHI
- 4) Sumitaka IKEDA
- 5) Yuuki NAKATSUJI
- 6) Masahiro ASANO

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)
(Address)

DENSO CORPORATION, a corporation of Japan having a place of business at 1-1 Showa-cho, Kariya-city, Aichi-pref. 448-8661 Japan

(Other
Countries)
(Title)

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of
in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as

ENGINE CONTROL SYSTEM WITH ACTUATOR CONTROL

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 March 23, April 2 and 16, 2012 or has already filed in U.S. appln. Serial No. 13/421,002, filed on March 15, 2012
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).

March 23, 2012
S.H. March 23, 2012
Date May 23, 2012 Signature of inventor

Shinya Hoshi
Shinya Hoshi

Date March 23, 2012 Signature of inventor
April 16, 2012 Y.N. April 2, 2012

Koji Ishizuka
Koji Ishizuka

Date April 2, 2012 Signature of inventor

Kazuhiro Higuchi
Kazuhiro Higuchi

Date March 23, 2012 Signature of inventor

Sumitaka Ikeda
Sumitaka Ikeda

Date April 2, 2012 Signature of inventor

Yuuki Nakatsuji
Y.N. April 2, 2012 Yuuki Nakatsuji
Yuuki Nakatsuji

Date March 23, 2012 Signature of inventor

Masahiro Asano
Masahiro Asano

Witnessed by: Yosubumi Tomida

Date March 23, 2012

Witnessed by: Kohei Motoo

Date March 23, 2012

Witnessed by: Masayuki Mori

Date April 16, 2012
March 23, 2012

Witnessed by: Takanasa Yokota

Date March 23, 2012

Witnessed by: Keiji Noda

Date April 2, 2012

Witnessed by: Satoru Sasah

Date March 23, 2012