



07-18-2006



103276201

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Atty Docket No.: 291603US2X

FORM PTO-1595
06-04

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hideki Takamatsu
Shoji Inagaki
Yasuhiro Nakai
Kenji KawaharaAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: July 5, 2006

2. Name and address of receiving party(ies):

Name: (1) TOYOTA JIDOSHA KABUSHIKI KAISHA
(2) DENSO CORPORATION
Address: (1) 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan
(2) 1, Showa-sho 1-chome, Kariya-shi, Aichi-ken 448-8661 JapanAdditional name(s) and address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application

A. Patent Application No.(s)

11/440,120

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 15-0030

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Steven P. Weihrouch
Name of Person Signing
SignatureJUL 13 2006
Date

Registration Number: 32,829

Joseph Scatetta, Jr.
Registration No. 26,803

Total number of pages including this cover sheet: 3

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office

07/14/2006 HRL111 00000004 11440120

Mail Stop Assignment Recordation Services

01 FC:8021

40.00 01'

Alexandria, Virginia. 22313

I:\USER\IGYOO\DEC. ASSN. DRAW\29S\291603US PTO 1595.DOC

PATENT

REEL: 018102 FRAME: 0487

Assignment of Application

Page 1 of 2

WHEREAS, I (WE) (1) Hideki Takamatsu, (2) Shoji Inagaki, (3) Yasuhiro Nakai and (4) Kenji Kawahara
residing at (1) Anjo-shi, Aichi-ken, Japan, (2) Numazu-shi, Shizuoka-ken, Japan,
(3) Anjo-shi, Aichi-ken, Japan and (4) Kariya-shi, Aichi-ken, Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

_____, respectively,
have invented certain new and useful improvements in: VEHICLE CONTROL APPARATUS AND THROTTLE
TROUBLE HANDLING METHOD

INSERT TITLE
OF INVENTION:

for which an application for Letters Patent was executed on July 5, 2006

(Application No. 11/440,120, filed May 25, 2006), and

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

WHEREAS, (1) TOYOTA JIDOSHA KABUSHIKI KAISHA and (2) DENSO CORPORATION

(hereinafter referred to as "ASSIGNEE") having a place of business at: (1) 1, Toyota-cho, Toyota-shi, Aichi-ken,
471-8571 Japan and (2) 1, Showa-cho 1-chome, Kariya-shi, Aichi-ken 448-8661 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: July 5, 2006

Hideki Takamatsu
(Signature of Inventor) Hideki Takamatsu

Date: July 5, 2006

Shoji Inagaki
(Signature of Inventor) Shoji Inagaki

Date: July 5, 2006

Yasuhiro Nakai
(Signature of Inventor) Yasuhiro Nakai

Date: July 5, 2006

Kenji Kawahara
(Signature of Inventor) Kenji Kawahara

Date:

(Signature of Inventor)

Date:

(Signature of Inventor)

Date:

(Signature of Inventor)

Date:

(Signature of Inventor)

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

03/03

PATENT

RECORDED: 07/13/2006

REEL: 018102 FRAME: 0489