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Our Ref.: 2018-586

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

9-11-02

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Katsuhiko KUSAGAYA Masatoshi TAKAGI Yoshihiko ITO Koji MARUYAMA Motoya ITO Eiji IWANARI Yukio MORI</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: July 10, July 16, July 9, July 10, July 9, July 9, July 8, 2002, respectively</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: DENSO CORPORATION Internal Address: Street Address: 1-1, Showa-cho</p> <p>City: Kariya-city, Aichi-pref. State/Country: Japan Zip: 448-8661</p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____

<p>A. Patent Application No(s). (1) 10/207,013 (2) _____ (3) _____</p>	<p>B. Patent No(s). (1) (2) (3)</p>
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Additional numbers attached ☐ Yes ☒ No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Larry S. Nixon</p> <p>Internal Address: _____</p> <p>Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8th Floor</p> <p>City: Arlington State: VA Zip: 22201</p>	<p>6. Total number of applications & patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>
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DO NOT USE THIS SPACE

9. Statements 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.

<p>Larry S. Nixon Name of Person Signing Reg. No. 25,640</p>	<p><i>Larry S. Nixon</i> Signature</p>	<p>September 10, 2002 Date</p>
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Total number of pages including original cover sheet, attachments, and document: [3]

LSN:vc

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ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Katsuhiko Kusagaya
Yoshihiko Ito
Motoya Ito
Yukio Mori
Masatoshi Takagi
Koji Maruyama
Eiji Iwanari

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

(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

(Title) IMPELLER AND TURBINE TYPE FUEL PUMP
 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, 2002</u>	Signature of inventor	<u>Katsuhiko Kusagaya</u>
Date	<u>July 16, 2002</u>	Signature of inventor	<u>Yoshihiko Ito</u>
Date	<u>July 9, 2002</u>	Signature of inventor	<u>Motoya Ito</u>
Date	<u>July 10, 2002</u>	Signature of inventor	<u>Yukio Mori</u>
Date	<u>July 9, 2002</u>	Signature of inventor	<u>Masatoshi Takagi</u>

Witnessed by: Kiyotaki Ito
 Witnessed by: Tae Nakagawa
 Witnessed by: Ryoichi Iida

Date July 10, 2002
 Date July 16, 2002
 Date July 9, 2002

Date July 9, 2002 Signature of inventorKoji MaruyamaDate July 8, 2002 Signature of inventorEiji Iwanari

Date _____ Signature of inventor

Date _____ Signature of inventor

Date _____ Signature of inventor

Witnessed by:

Kiyonori Morote

Witnessed by:

Masayuki Kobayashi

Witnessed by:

Yoshitomo Oguma

Witnessed by:

Shigetaka Yoshimaru

Date

July 10, 2002

Date

July 9, 2002

Date

(M.K. July 9, 2002)
July 9, 2002

Date

July 8, 2002

RECORDATION FORM COVER SHEET

PATENTS ONLY

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Motoya ITO Eiji IWANARI
Yukio MORI

Additional name/s of conveying party/ies attached? ☐

3. Nature of conveyance:

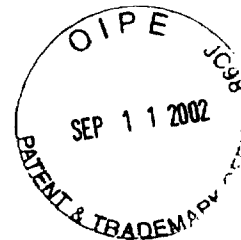
☒ Assignment ☐ Merger
☐ Security Assignment ☐ Change of Name
☐ Other _____

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☒ Enclosed
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Reg. No. 25,640

Larry S. Nixon
Signature

September 10, 2002

Date

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