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Our Ref.: 2018-983

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Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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

6-30-05

1. Name of conveying party(ies):
 Hiroki TANI
 Makoto YAMAGUCHI
 Tetsuji KUDO
 Koji MIZUKUSA

Additional name/s of conveying party/ies attached?

3. Nature of conveyance:
 Assignment Merger
 Security Assignment Change of Name
 Other Record to add the third inventor which was omitted in the assign. recorded December 9, 2004, Reel 016070, Frame 0212

Execution Date: November 4, November 4, November 8, November 12, 2004 respectively

2. Name and address of receiving party(ies):
 Name: DENSO CORPORATION
 Internal Address: _____
 Street Address: 1-1, Showa-cho

 City: Kariya-city, Aichi-pref.
 State/Country: Japan
 Zip: 448-8661

Additional name/s & address/es attached? Yes No

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: _____

A. Patent Application No(s).
 (1) 11/007,287
 (2)
 (3)

B. Patent No(s).
 (1)
 (2)
 (3)

Additional numbers attached Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Larry S. Nixon
 Internal Address: _____
 Street Address: Nixon & Vanderhye P.C.
901 North Glebe Road
11th Floor
 City: Arlington State: VA Zip: 22203

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41) (8021) \$ 40.00
 Enclosed
 Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency 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.**

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.

Larry S. Nixon [Signature] June 30, 2005
 Name of Person Signing Signature Date
 Reg. No. 25,640

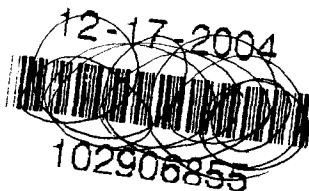
Total number of pages including **original** cover sheet, attachments, and document: [6]

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Our Ref.: 2018-9

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Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

12-09-04

22141 U.S. PTO
11/007287



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 Koji MIZUKUSA

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 (3) _____

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8th Floor

City: Arlington State: VA Zip: 22201

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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.

Larry S. Nixon [Signature] December 9, 2004
 Name of Person Signing Signature Date
 Reg. No. 25,640

Total number of pages including **original** cover sheet, attachments, and document: [3]

2/10/2004 SDENB0B1 00000042 11007287

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PATENT
REEL: 016738 FRAME: 0550

ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Hiroki Tani
Makoto Yamaguchi
Tetsuji Kudo
Koji Mizukusa

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) FLUID VOLUME MEASURING APPARATUS WITH BUBBLE IN FLUID

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 2004.11.04 Signature of inventor Hiroki Tani
Hiroki Tani

Date 2004.11.04 Signature of inventor Makoto Yamaguchi
Makoto Yamaguchi

Date 2004.11.08 Signature of inventor Tetsuji Kudo
Tetsuji Kudo

Date 2004.11.12 Signature of inventor Koji Mizukusa
Koji Mizukusa