

BOX ASSIGNMENTS

05-19-1999

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TO THE ASSISTANT COMMISSIONER OF PAT
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

101040784

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Minekazu SAKAI
3. Kazuhiko KANO
5. Tsuyoshi FUKADA
7. Minoru MURATA
9. Hirofumi HIGUCHI2. Yukihiko TAKEUCHI
4. Seiji FUJINO
6. Hiroshige SUGITO
8. Hiroshi MUTO
10. Kenichi AOADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1 Showa-cho, Kariya-city, Aichi-pref., 448-8661 JAPAN

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)☒ ASSIGNMENT OF ☒ WHOLE ☐ PART INTERESTEXEC. DATE: 1), 2), 3) & 6) March 28, 1999;
4) April 7, 1999; 5) & 8) April 2, 1999;
7), 9) & 10) April 8, 1999☐ CHANGE OF NAME ☐ ACCURATE TRANSLATION
☐ SECURITY ☐ MERGER ☐ OTHER:EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND
ASSIGNMENT DIFFER SEE ATTY) 1), 2), 3) & 6) March 28, 1999; 4) April 7, 1999; 5) & 8) April 2, 1999; 7), 9) & 10) April 8, 19994.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NO

A. PAT. APP. NO.(S)	1 st INVENTOR	1 st INVENTOR
series code/serial	if not in item 1	if not in item 1
no		

NEW APPLICATION 258978

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:Pillsbury Madelon & Sutro LLP
Intellectual Property Group
1100 NEW YORK AVENUE, N.W.
NINTH FLOOR, EAST TOWER
WASHINGTON, D.C. 20005-3918

5.5 ATTY DKT:

PMS 258978

50277-US-KK

MATTER NO.

CLIENT REF.

6. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL 17. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$408. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
UNDER ORDER NO 30854 258978
dup. sheet not required CLIENT NO. MATTER NO.

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.10. Total number of pages including this
cover sheet, attachments and document
(do not file dup. Cover sheet)

3

Attorney: G. Lloyd Knight

Reg. No. 17898

Atty/Sec: GLK/rjf

TEL: (202) 861-3090

Date: May 5, 1999

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FILE WITH PTO RETURN RECEIPT (PAT-103A)

PATENT

REEL: 009949 FRAME: 0469

Please return signed/recorded to:

Pillsbury Madison & Sutro LLP
Intellectual Property Group
Ninth Floor, East Tower
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Washington, D.C. 20005-3918

USA Patent Appln.
Sole or Joint

For inventions made outside USA
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Client Ref.

NONPROVISIONAL

ASSIGNMENT
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

(1) Minekazu Sakai	(2) Yukihiro Takeuchi
(3) Kazuhiko Kano	(4) Seiji Fujino
(5) Tsuyoshi Fukada	or x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

DENSO CORPORATION
1-1 Showa-cho, Kariya-city,
Aichi-pref., 448-8661 Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

SEMICONDUCTOR DYNAMICAL QUANTITY SENSOR DEVICE HAVING
ELECTRODES IN RAHMEN STRUCTURE

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →
(Complete
line A, B and/or C)

(A) ☒ even date herewith
(B) ☐ on _____
(C) ☐ in U.S. Appl. No. _____ / _____ filed _____

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Madison & Sutro LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS	DATE SIGNED	WITNESSES
1): <u>Minekazu Sakai</u> Name: <u>Minekazu Sakai</u>	<u>March 26, 1999</u>	<u>Yoko Yanagitani</u>
2): <u>Yukihiro Takeuchi</u> Name: <u>Yukihiro Takeuchi</u>	<u>March 26, 1999</u>	<u>Shinji Yoshikawa</u>
3): <u>Kazuhiko Kano</u> Name: <u>Kazuhiko Kano</u>	<u>March 26, 1999</u>	<u>Shinji Yoshikawa</u>
4) Name: <u>Seiji Fujino</u> Name: <u>Seiji Fujino</u>	<u>April 7, 1999</u>	<u>Yoko Yanagitani</u>
5) Name: <u>Tsuyoshi Fukada</u> Name: <u>Tsuyoshi Fukada</u>	<u>April 7, 1999</u>	<u>Shinji Yoshikawa</u>

PAT-116 11/87

PATENT
REEL: 009949 FRAME: 0470

ASSIGNMENT (Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT
NAME(S) OF
INVENTOR(S)

(6) Hiroshige Sugito	(11)
(7) Minoru Murata	(12)
(8) Hiroshi Muto	(13)
(9) Hirofumi Higuchi	(14)
(10) Kenichi Ao	(15)

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

	<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
6)	<u>Hiroshige Sugito</u>	<u>March 26, 1999</u>	<u>Yoko Yanagitani</u>
Name:	<u>Hiroshige Sugito</u>		
7)	<u>Minoru Murata</u>	<u>April 8, 1999</u>	<u>Yuichiro Murata</u>
Name:	<u>Minoru Murata</u>		
8)	<u>Hiroshi Muto</u>	<u>April 2, 1999</u>	<u>Seiichi Sakio</u>
Name:	<u>Hiroshi Muto</u>		
9)	<u>Hirofumi Higuchi</u>	<u>April 8, 1999</u>	<u>Yuichiro Murata</u>
Name:	<u>Hirofumi Higuchi</u>		
10)	<u>Kenichi Ao</u>	<u>April 8, 1999</u>	<u>Yuichiro Murata</u>
Name:	<u>Kenichi Ao</u>		
11)	_____	_____	_____
Name:	_____		
12)	_____	_____	_____
Name:	_____		
13)	_____	_____	_____
Name:	_____		
14)	_____	_____	_____
Name:	_____		
15)	_____	_____	_____
Name:	_____		

PAT-194 11/97

RECORDED: 05/05/1999

PATENT
REEL: 009949 FRAME: 0471