



12-05-2008



U.S. DEPARTMENT OF COMMERCE
Patents Patent and Trademark Office

Attorney docket: 11-429

103538200

To the Director of the U.S. Patent and Trademark Office

its or the new address(es) below.

1. Name of conveying party(ies)

Takamoto WATANABE

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): **November 21, 2008**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: **DENSO CORPORATION**

Street Address: **1-1, SHOWA-CHO**

City: **KARIYA-CITY**

State: **AICHI-PREF.**

Country: **JAPAN** Zip: **448-8661**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/324,287

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **DAVID G. POSZ**

POSZ LAW GROUP, PLC

Street Address: **12040 SOUTH LAKES DRIVE, SUITE 101**

City: **RESTON**

State: **VA** Zip: **20191**

Phone Number: **(703) 707-9110**

Fax Number: **(703) 707-9112**

Email Address: _____

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 1.21(h) & 3.41) **\$ 40**

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged any additional fee(s) or credit any overpayment(s) to deposit account.
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number **50-1147**

Authorized User Name **DAVID G. POSZ**

9. Signature: _____

Signature

December 2, 2008

Date

Total number of pages including cover sheet, attachments, and documents:

2

DAVID G. POSZ (REG. NO. 37,701)

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

12/04/2008 NJAMA1 00000024 12324287
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby, assign(s), sell(s) and transfer(s) to

DENSO CORPORATION

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

as Assignee, and its successors, assigns or other legal representatives, the entire right, title and interest, in the United States of America, and its territories, dependencies and possessions, to certain inventions known as

CONTROL SIGNAL GENERATING CIRCUIT ENABLING VALUE OF PERIOD OF A GENERATED CLOCK
SIGNAL TO BE SET AS THE PERIOD OF A REFERENCE SIGNAL MULTIPLIED OR DIVIDED BY AN
ARBITRARY REAL NUMBER

described in an application for Letters Patent of the United States executed

☒ on even date herewith

as U.S. Application Serial No. _____ filed on _____

as well as any and all continuations, divisions, and reissues of said application and all Letters Patents that may be granted therefor. The undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent or Letters Patents to said Assignee.

The undersigned agree(s), when requested, to sign all papers, take all rightful oaths, and perform all acts which may be necessary for securing, maintaining and enforcing patents for said inventions and for vesting title thereto in said Assignee.

The undersigned authorize(s) and empower(s) said Assignee to invoke and claim the benefit of the right of priority provided under any and all international conventions and treaties in respect of said inventions, as may be necessary in connection with said application.

The undersigned also authorize(s) Posz Law Group, PLC to insert hereon any further identification that may be necessary or desirable for recordation of this document.

Takamoto Watanabe
Inventor 1: Takamoto Watanabe

November 21, 2008
Date

Tomohito Terazawa
Witness

Inventor 2:

Date

Witness

Inventor 3:

Date

Witness

Inventor 4:

Date

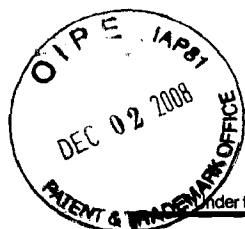
Witness

Inventor 5:

Date

Witness

☐ Continued on page 2 for additional inventors



Effective on 12/8/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2009

☐ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**40**

Complete if Known

Application Number **12/324,287**
Filing Date **November 26, 2008**
First Named Inventor **Takamoto WATANABE**
Examiner Name **Unknown**
Art Unit **Unknown**
Attorney Docket No. **11-429**

METHOD OF PAYMENT (check all that apply)

- ☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
☐ Deposit Account Deposit Account Number: **50-1147** Deposit Account Name: **Posz Law Group, PLC**
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
☐ Charge fee(s) indicated below ☐ Charges fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	330	165	540	270	220	110	\$0
Design	220	110	100	50	140	70	
Plant	220	110	330	165	170	85	
Reissue	330	165	540	270	650	325	
Provisional	220	110	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	52	26
Each independent claim over 3 (including Reissues)	220	110
Multiple dependent claims	390	195

Total Claims **8** - 20 or HP = **0** x **\$52** = **\$0**
HP = highest number of total claims paid for, if greater than 20

Indep. Claims **2** - 3 or HP = **0** x **\$220** = **\$0**
HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims
Fee (\$)
Fee Paid (\$)
\$390 **\$0**

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41 (a)(1)(G) and 37 CFR 1.16(s).

Total Sheets **34** - 100 = **0** / 50 = _____ (round up to a whole number) x **Fee (\$)** = **Fee Paid (\$)**
\$0


4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: **Assignment Recordation Fee**

\$40

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 37,701	Telephone (703) 707-9110
Name (Print/Type)	DAVID G. POSZ	Date	December 2, 2008

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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