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HDP Docket No. 4041P-000100
Express Mail Label No.

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

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Documents or the new address(es) below.

1. Name of conveying party(ies) & Effective Date

Naoki Kawasaki

January 28, 2008



2. Name and address of receiving party(ies)

Name: DENSO Corporation

Address: 1-1, Showa-cho

Kariya-city, Aichi-pref.

Japan 448-8661

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

3. Nature of conveyance:

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

Additional Name(s) & 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)

12/008,407

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: H. Keith Miller, Esq.

Internal Address: Harness, Dickey & Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills

State: MI Zip: 48303

Phone Number : 248-641-1600

Fax Number: 248-641-0270

Email Address:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged 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 03/04/2008 NJANA1 00000062 12008407
01 FC:0021 08-0750
Authorized User Name H. Keith Miller, Esq. 40.00 OP

9. Signature :

Michael J. Schmidt, Esq., Reg. No. 34,007

February 28, 2008

Name of Person Signing

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

3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

EM 184 986 968 US

PATENT
REEL: 020608 FRAME: 0694

ASSIGNMENT

Atty. Docket No. 4041P- 000100

The undersigned, hereinafter referred to collectively as Assignor, has an interest in the invention entitled:

APPARATUS FOR DETERMINING THE PRESENCE OF FOG USING IMAGE
OBTAINED BY VEHICLE-MOUNTED IMAGING DEVICE

which is the subject of a United States or International application for patent

- (a) ☐ executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) ☒ executed on January 28, 2008;
- (c) ☒ filed on January 10, 2008, and assigned Serial No. 12/008,407 or PCT International Application No. _____;
- (d) ☐ U.S. Patent No. _____, issued _____, and ☐ presently assigned as evidenced at Reel _____, Frame _____; or
- (e) ☐ entitled above and naming the undersigned inventors in this provisional patent application; and

DENSO CORPORATION of 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-8661 Japan, hereinafter referred to as Assignee, is desirous of acquiring Assignor's interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Assignor hereby authorizes an attorney authorized to prosecute this patent application to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

ASSIGNMENT

U.S. January 28, 2008

Mitsushi Sakai

Naoki Kawasaki

First Inventor or Assignor
Naoki Kawasaki

January 28, 2008

Date

Witness

Second Joint Inventor or Assignor

Witness

Date

Third Joint Inventor or Assignor

Witness

Date

Fourth Joint Inventor or Assignor

Witness

Date

Fifth Joint Inventor or Assignor

Witness

Date

Sixth Joint Inventor or Assignor

Witness

Date