

08-29-2008



ET

HDP Docket No. 4041P-000114
Express Mail Label No.

To the Director of the U.S. Patents

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documents or the new address(es) below.

1. Name of conveying party(ies) & Execution Date(s):

Miki Haseyama June 30, 2008

2. Name and address of receiving party(ies)

Name: National University Corporation

Hokkaido University

Address: 8, Kita 8-jyo Nishi 5-chome

Kita-ku, Sapporo-shi, Hokkaido

Japan 060-0808

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):

A. Patent Application No.(s)
12/157,742

This document is being filed together with a new application.

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.

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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)

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Authorized User Name H. Keith Miller, Esq.

9. Signature :

H. Keith Miller, Esq., Reg. No. 22,484

Name of Person Signing

8872572008 NJAPP 08092008 157742

01 EC:8021

August 29, 2008

Date

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

2

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 184 988 535 US

PATENT
REEL: 021465 FRAME: 0516



8-25-08

08-29-2008

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ASSIGNMENT

Atty. Docket No. 4041P-000114

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

IMAGE PROCESSING APPARATUS FOR REDUCING EFFECTS OF FOG ON IMAGES OBTAINED BY VEHICLE-MOUNTED CAMERA AND DRIVER SUPPORT APPARATUS WHICH UTILIZES RESULTANT

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

PPRCESED IMAGES

- (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 June 30, 2008;
- (c) filed on June 12, 2008, and assigned Serial No. 12/157,742 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,

NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY of 8, Kita 8-ryo Nishi 5-chome, Kita-ku, Sapporo-shi, Hokkaido 060-0808 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 in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

ASSIGNMENT

Miki Haseyama

First Inventor or Assignor
Miki Haseyama

Akiho Watanabe

Witness

June 30, 2008
Date