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SHEET

HDP Docket No. 4041P-000120
Express Mail Label No.

To the Director of the U.S. P.

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Attached documents or the new address(es) below.

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

Hiroshi Sakai December 17, 2008
Yukimasa Tamatsu December 17, 2008
Ankur Datta January 6, 2009
Yaser Sheikh January 7, 2009
Takeo Kanada December 19, 2008

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 _____

2. Name and address of receiving party(ies)

1) Name: **DENSO CORPORATION**
Address: 1-1, Showa-cho
Kariya-city, Aichi-pref.
Japan 448-8661

2) Name: **Carnegie Mellon University**

Address: 5000 Forbes Avenue
Pittsburgh, PA 15213

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)
12/283,422

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 _____
02/13/2009 H. Keith Miller 12283422
b. Deposit Account Number 08-0750 40.00 0P
Authorized User Name H. Keith Miller, Esq.

9. Signature :

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

February 10, 2009

Date

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

2

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 305-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

EM 184 989 831 US

PATENT
REEL: 022273 FRAME: 0296

ASSIGNMENT

Atty. Docket No. 4041P-000120

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

VEHICLE-USE VISUAL FIELD ASSISTANCE SYSTEM IN WHICH INFORMATION DISPATCH APPARATUS TRANSMITS IMAGES OF BLIND SPOTS TO VEHICLES

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 December 17 and 19, 2008 and January 6 and 7, 2009;
- (c) ☒ filed on September 11, 2008, and assigned Serial No. 12/283,422 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:

Carnegie Mellon University, 5000, Forbes Avenue, Pittsburgh, PA, 15213, U.S.A. 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.

ASSIGNMENT

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.

Hiroshi Sakai
First Inventor or Assignor
Hiroshi Sakai

December 17, 2008
Date

Yukimasa Tamatsu
Second Joint Inventor or Assignor
Yukimasa Tamatsu

December 17, 2008
Date

Yuki Tishi
Witness

Ryusuke Kottar
Witness

ASSIGNMENT

Ankur Datta

Third Joint Inventor or Assignor
Ankur Datta

01/06/09

Date

Yaser Sheikh

Fourth Joint Inventor or Assignor
Yaser Sheikh

01/07/09

Date

Takeo Kanade

Fifth Joint Inventor or Assignor
Takeo Kanade

December 19, 2008

Date

Suzette Mongell
Witness

Suzette Mongell
Witness

Suzette Mongell
Witness