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ER SHEET

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Koji AOIKE,
Naotaka MURAKAMI, Hiroki TAKATA
and Osamu YAMATOAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: May 7, 1999

2. Name and address of receiving party(ies)

Name: AISIN AW CO., LTD

Internal Address: _____

Street Address: 10, Takane, Fujii-choAnjo-shiCity: Aichi-ken State: Japan ZIP: 444-1192Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/271,167

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: George A. Loud

Internal Address: _____

06/09/1999 SARAYA 00000035 09271167

01 FC:581 40.00 DP

Street Address: LORUSSO & LOUD3137 Mt. Vernon AvenueCity: Alexandria State: VA ZIP: 223056. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$40.00 6☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: _____

(Attach duplicate copy of this page if paying by deposit account)

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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.

George A. Loud

Name of Person Signing

Signature6/8/99
DateTotal number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments PATENT

Washington, D.C. 20231

REEL: 010014 FRAME: 0194

ASSIGNMENT

WHEREAS, WE, Koji AOIKE, Naotaka MURAKAMI, Hiroki TAKATA, and Osamu YAMATO, of c/o AISIN AW CO., LTD., 10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-1192, Japan, have invented "ELECTRONIC CONTROL UNIT" set forth in an application for Patent of the United States; and

WHEREAS, AISIN AW CO., LTD. of 10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-1192, Japan is desirous of acquiring an interest therein;

NOW THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Koji AOIKE, Naotaka MURAKAMI, Hiroki TAKATA, and Osamu YAMATO, by these presents do sell, assign and transfer unto AISIN AW CO., LTD., its successors, legal representatives, heirs and assigns, the full and exclusive right, title and interest in the United States of America said application executed on the _____ day of _____, 19__, (and we hereby authorize our attorneys, authorized to prosecute said application, to here insert the filing date and serial number of said application, when known: Serial No. 09/271,167, filed March 18, 1999, to all Patents in the United States which may be granted on said application, to all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Patent, all

applications for Patent and all Patent therefor, to be held and enjoyed by AISIN AW CO., LTD., for its use and behoof and for its legal representatives, successors, heirs, and assigns, to the full end of the term for which said Patent are granted and any extensions thereof, as fully and entirely as the same would have been held by us had this assignment and sale not been made; and for the same consideration, we hereby covenant and agree that, at the time of execution and delivery of this instrument, we hold good and full right and lawful authority to sell and convey the application for Patent above mentioned in the manner herein set forth; and for the same consideration we hereby covenant and agree that we will, whenever counsel of AISIN AW CO., LTD., or the counsel of its successors, legal representatives, heirs or assigns, shall advise that any proceeding in connection with said application for Patent, or any proceeding in connection with Patent in the United States, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Patent, or any reissue or extension of any Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of said Patent, without charge to us, our successors, legal representatives, heirs and assigns, but at the cost and expense of AISIN AW CO., LTD., its successors, legal representatives, heirs and assigns; and we hereby request the Commissioner of

Patents to issue said Patent to AISIN AW CO., LTD., as assignee
thereof.

Koji AOIKE May 7, 1999
Koji AOIKE date

Naotaka MURAKAMI May 7, 1999
Naotaka MURAKAMI date

Hiroki TAKATA May 7, 1999
Hiroki TAKATA date

Osamu YAMATO May 7, 1999
Osamu YAMATO date