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FORM PTO-1585
(REV. 6-92)

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

1. Name of conveying party(ies):

- (1) Shinichi HAYASHI
- (2) Akihito TADA
- (3) Hironobu SUGIMOTO
- (4) Akimasa NANBA
- (5) Toshiyuki KANEIWA
- (6) Toshiaki EGAWA

2. Name and address of receiving party(ies):

- (1) FUJITSU TEN LIMITED
1-2-28, Goshō-dori, Hyogo-ku
Kobe-shi, Hyogo, Japan
- (2) TOYOTA JIDOSHA KABUSHIKI KAISHA
1, Toyota-cho, Toyota-shi
Aichi-ken, 471-8571 Japan
- (3) AISIN AW CO., LTD.
10, Takane, Fujii-cho
Anjo-shi, Aichi-ken, 444-1192 Japan
- (4) DENSO CORPORATION
1-1 SHOWA-CHO KARIYA-CITY
AICHI-PREF. 448-8661 JAPAN
- (5) Matsushita Electric Industrial Co., Ltd.
1006, Oaza Kadoma,
Kadoma-shi, OSAKA 571-8501 JAPAN

09/461423

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3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other: _____

Execution Date(s): December 3, 1999

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

This document is being filed together with a new application:

- (a) The execution date(s) of the application is/are: December 3, 1999
- (b) The title is: COMMUNICATION SYSTEM FOR COMMUNICATIN BETWEEN IN-VEHICLE TERMINALS AND CENTER, AND IN-VEHICLE TERMINAL EMPLOYED IN COMMUNICATION SYSTEM
*** OR ***

This document is being filed after filing of the application:

- (a) Patent Application No(s). _____, filed _____; or
- (b) Patent No(s). _____, issued _____.

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

STAAS & HALSEY LLP
Attention: H. J. Staas
700 Eleventh Street, N.W., Suite 500
Washington, D.C. 20001

Our Docket: 626.1008/HJS

6. Total number of applications and patents involved: 1

01/05/2000 09461423
03 FT:581

PATENT
REEL: 010466 FRAME: 0813

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

Enclosed
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8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this 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.

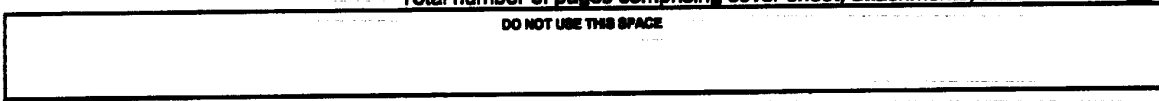
H. J. Stass, Reg. No. 22,010
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H. J. Stass
Signature

December 16, 1999
Date

Total number of pages comprising cover sheet, attachments, and document: 3

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PATENT
REEL: 010466 FRAME: 0814

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert
ASSIGNEE's
Name(s)
Address(es))

- 1) FUJITSU TEN LIMITED
1-2-28, Goshō-dori, Hyogo-ku, Kobe-shi, Hyogo, Japan
- 2) TOYOTA JUDOSHA KABUSHIKI KAISHA
1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan
- 3) AISIN AW CO., LTD.
10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-1192 Japan
- 4) DENSO CORPORATION
1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN
- 5) Matsushita Electric Industrial Co., Ltd.
1006, Oaza Kadoma, Kadoma-shi, OSAKA 571-8501 JAPAN

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of
invention)

**COMMUNICATION SYSTEM BETWEEN IN-VEHICLE TERMINALS
AND CENTER, AND IN-VEHICLE TERMINAL EMPLOYED IN COMMUNICATION SYSTEM**

relating to International Patent Application PCT/JP _____/_____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date
of execution
of application,
if not
concurrent)

- (a) executed on _____ ;
(b) filed on _____ ;
Serial No. _____ / _____ ;

(_____)	
(_____)	
_____ is hereby authorized to insert in (b) the specified data, when known.	

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1) <u>Shinichi Hayashi</u> <small>(SIGNATURE)</small>	<u>Shinichi Hayashi</u> <small>(TYPE NAME)</small>	<u>December 3, 1999</u> <small>(DATE)</small>
2) <u>Akihito Tada</u> <small>(SIGNATURE)</small>	<u>Akihito Tada</u> <small>(TYPE NAME)</small>	<u>December 3, 1999</u> <small>(DATE)</small>
3) <u>Hironobu Sugimoto</u> <small>(SIGNATURE)</small>	<u>Hironobu Sugimoto</u> <small>(TYPE NAME)</small>	<u>December 3, 1999</u> <small>(DATE)</small>
4) <u>Akimasa Nanba</u> <small>(SIGNATURE)</small>	<u>Akimasa Nanba</u> <small>(TYPE NAME)</small>	<u>December 3, 1999</u> <small>(DATE)</small>
5) <u>Toshiyuki Kaneiwa</u> <small>(SIGNATURE)</small>	<u>Toshiyuki Kaneiwa</u> <small>(TYPE NAME)</small>	<u>December 3, 1999</u> <small>(DATE)</small>
6) <u>Toshiaki Ejawa</u> <small>(SIGNATURE)</small>	<u>Toshiaki Ejawa</u> <small>(TYPE NAME)</small>	<u>December 3, 1999</u> <small>(DATE)</small>

RECORDED: 12/16/1999

PATENT
REEL: 010466 FRAME: 0815