

REC  
PATE



101093218

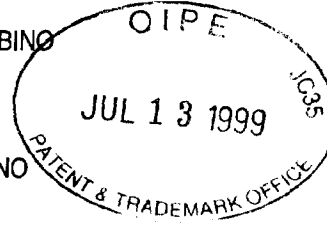
TO THE ASSISTANT COMMISSIONER OF PATENT AND TRADEMARK OFFICE  
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS ON COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- 1. Tatsuya OIKE
- 3. Masayuki IMANISHI
- 5.
- 7.

7.13.99

- 2. Katsuhiko HIBINO
- 4.
- 6.
- 8.



ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED?  YES  NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-0029 Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED?  YES  NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

- ASSIGNMENT OF  WHOLE  PART INTEREST
- CHANGE OF NAME  ACCURATE TRANSLATION
- SECURITY  MERGER  OTHER:

EXEC. DATE: 1st and 2nd Inventor: April 8, 1999  
3rd Inventor: April 14, 1999

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 1st and 2nd Inventor: April 8, 1999; 3rd Inventor: April 14, 1999

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached?  YES  NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 <sup>st</sup> INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 <sup>st</sup> INVENTOR if not in item 1
09/294,907	260411				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

**Pillsbury Madison & Sutro LLP**  
**Intellectual Property Group**  
1100 NEW YORK AVENUE, N.W.  
NINTH FLOOR, EAST TOWER  
WASHINGTON, D.C. 20005-3918

6. NUMBER INVOLVED:  
APPLNS 1 + PATS 0 = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)  
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

PMS 260411	U3-9903-TS
MATTER NO.	CLIENT REF.

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

UNDER ORDER NO	60388	260411
dup. sheet not required	CLIENT NO.	MATTER NO.

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.

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)	2
---------------------------------------------------------------------------------------------------------------	---

*Glenn J. Perry*  
Signature *by GJP # 20526*

Attorney: Glenn J. Perry Date: July 13, 1999  
 Reg. No. 28458 Atty/Sec: GJP/slb TEL: (202) 861-3070 FAX: (202) 822-0944

07/15/1999 VVAN11 0000078 09294907 FILE WITH PTO RETURN RECEIPT (PAT-103A)

01 FC:581 40.00 OP

56261-43  
43-9903-75

Please return signed/recorded to:

Pillsbury Madison & Sutro LLP  
Intellectual Property Group  
Ninth Floor, East Tower  
1100 New York Avenue, N.W.  
Washington, D.C. 20005-3918

USA Patent Appln.  
Sole or Joint

For Inventions made outside USA  
executed with or after application  
Atty. Dkt. 260411 | U3-9903-TS  
M# | Client Ref.

**NONPROVISIONAL**

**NONPROVISIONAL**

### ASSIGNMENT OF NONPROVISIONAL APPLICATION

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT  
NAME(S) OF  
INVENTOR(S)

(1) <b>Tatsuya OIKE</b>	(4)
(2) <b>Katsuhiko HIBINO</b>	(5)
(3) <b>Masayuki IMANISHI</b>	<input type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT  
NAME(S) OF  
ASSIGNEE(S)  
& ADDRESS(ES)

**DENSO CORPORATION**  
of 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-0029 Japan  
*(City)*

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF  
INVENTION

APPARATUS AND METHOD FOR PREPROCESSING A PICKED-UP IMAGE, LANE MARK  
RECOGNIZING SYSTEM, RELATED VEHICLE TRAVELING CONTROL SYSTEM, AND  
RECORDING MEDIA

for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE --  
(Complete  
line A, B and/or C)

- (A)  even date herewith
- (B)  on April 8 and 14, 1999
- (C)  in U.S. Appln. No. / filed

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE -- The undersigned hereby authorize(s) Pillsbury Madison & Sutro, Intellectual Property Group, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1)	<u>Tatsuya Oike</u>	<u>April 8, 1999</u>	<u>Mitsuo Hayashi</u>
Name:	<b>Tatsuya Oike</b>		
2)	<u>Katsuhiko Hibino</u>	<u>April 8, 1999</u>	<u>Mitsuo Hayashi</u>
Name:	<b>Katsuhiko Hibino</b>		
3)	<u>Masayuki Imanishi</u>	<u>April 14, 1999</u>	<u>Junko Utsami</u>
Name:	<b>Masayuki Imanishi</b>		
4)	_____	_____	_____
Name:			
5)	_____	_____	_____
Name:			

IF ADDITIONAL INVENTORS, check box  and continue on page 2.