Form PTO-1595 RECORD/ (Rev. 10/02)	3 - 15 - 2005 DEPARTMENT OF COMMERC J.S. Patent and Trademark Of		
	02959244		
	Contracted original documents or copy thereof.		
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)		
1) INOUE, Fumihiro	2. Name and address of receiving party(ies) or Name: <u>MITSUMI ELECTRIC CO., LTD.</u>		
2) EDAMURA, Kouji 3) ENDO, Naoto	Internal Address:		
, , , , , , , , , , , , , , , , , , ,			
Additional name(s) of conveying party(ies) attached? The Karlow No. 3. Nature of conveyance:	-		
Assignment Greger			
	Street Address: 11-2, Tsurumaki 2-Chome,		
Security Agreement Change of Name	Tama-Shi, Tokyo 206-8567 Japan		
Gther			
$E_{obruory} 24 = 2005$	City:State:Zip:		
February 24, 2005	Additional name(s) & address(es) attached? 🖵 Yes 🎽 No		
A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence	February 24, 2005 lication, the execution date of the application is: B. Patent No.(s) ttached? Yes No 6. Total number of applications and patents involved:		
If this document is being filed together with a new app A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning document should be mailed:	lication, the execution date of the application is: B. Patent No.(s) Ittached? The Yes No 6. Total number of applications and patents involved:		
If this document is being filed together with a new app A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence	<ul> <li>lication, the execution date of the application is:</li> <li>B. Patent No.(s)</li> <li>ttached? Yes No</li> <li>6. Total number of applications and patents involved:</li> <li>7. Total fee (37 CFR 3.41)\$</li> </ul>		
If this document is being filed together with a new app A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning document should be mailed:	<ul> <li>lication, the execution date of the application is:</li> <li>B. Patent No.(s)</li> <li>ttached? Yes No</li> <li>6. Total number of applications and patents involved:</li> <li>7. Total fee (37 CFR 3.41)\$40.00</li> <li>Enclosed</li> </ul>		
If this document is being filed together with a new app A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning document should be mailed: Name:	lication, the execution date of the application is: B. Patent No.(s) ttached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$ 40.00		
If this document is being filed together with a new app A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning document should be mailed: Name:	<ul> <li>lication, the execution date of the application is:</li> <li>B. Patent No.(s)</li> <li>ttached? Yes No</li> <li>6. Total number of applications and patents involved:</li> <li>7. Total fee (37 CFR 3.41)\$40.00</li> <li>Enclosed</li> </ul>		
If this document is being filed together with a new app A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning document should be mailed: Name:	<ul> <li>lication, the execution date of the application is:</li> <li>B. Patent No.(s)</li> <li>Hached? Yes No</li> <li>6. Total number of applications and patents involved:</li> <li>7. Total fee (37 CFR 3.41)\$ 40.00</li> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> </ul>		
If this document is being filed together with a new app A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning document should be mailed: Name:	<ul> <li>lication, the execution date of the application is:</li> <li>B. Patent No.(s)</li> <li>ttached? Yes No</li> <li>6. Total number of applications and patents involved:</li> <li>7. Total fee (37 CFR 3.41)</li></ul>		
If this document is being filed together with a new app A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning document should be mailed: Name:	<ul> <li>lication, the execution date of the application is:</li> <li>B. Patent No.(s)</li> <li>Hached? Yes No</li> <li>6. Total number of applications and patents involved:</li> <li>7. Total fee (37 CFR 3.41)\$ 40.00</li> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> </ul>		
If this document is being filed together with a new app A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning document should be mailed: Name:	lication, the execution date of the application is: B. Patent No.(s) Ittached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$_40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 12-0400		
If this document is being filed together with a new app A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning document should be mailed: Name:Richard J. Streit Internal Address: Street Address: Street Address: City: ChicagoState:ILZip: 60604 DO NOT US 9. Statement and signature.	lication, the execution date of the application is: B. Patent No.(s) ttached? Pres No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 12–0400 (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE		
If this document is being filed together with a new app A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning document should be mailed: Name:	lication, the execution date of the application is: B. Patent No.(s) ttached? Pres No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 12–0400 (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE		
If this document is being filed together with a new app A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning document should be mailed: Name:	lication, the execution date of the application is: B. Patent No.(s) ttached? Pres No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 12–0400 (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE		
If this document is being filed together with a new app A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning document should be mailed: Name:	Iication, the execution date of the application is: B. Patent No.(s) Ittached?  Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 12-0400 (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE Mormation is fur and correct and any attached copy		

PATENT REEL: 016347 FRAME: 0074

## UNITED STATES OF AMERICA ASSIGNMENT

In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for the other good and valuable consideration,

ASSIGNOR:

 FUMIHIRO INOUE, (2) KOUJI EDAMURA and (3) NAOTO ENDO residing at each c/o MITSUMI ELECTRIC CO., LTD., 11-2, Tsurumaki 2-Chome, Tama-Shi, Tokyo 206-8567 Japan

hereby sells, assigns and transfers to

## **ASSIGNEE:**

MITSUMI ELECTRIC CO., LTD. having a place of business at: 11-2, Tsurumaki 2-Chome, Tama-Shi, Tokyo 206-8567 Japan

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the Application entitled

DRIVE STATE DETECTION CIRCUIT

which application was

x	(a) executed by the undersigned on	February	24,	2005	 
	(b) filed as Serial No.	on			

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Page 1 of 2

## PATENT REEL: 016347 FRAME: 0075

IN WITNESS WHEREOF, I/we have set our hand and seal

. . .

February 24, 2005 Date

February 24, 2005 Date

February 24, 2005

Date

Fumihiro Inoue INVENTOR FUMIHIRO INOUE

Kouj: Edamura INVENTOR KOUJI EDAMURA

naoto Endo

INVENTOR NAOTO ENDO

Page 2 of 2

## PATENT REEL: 016347 FRAME: 0076

**RECORDED: 02/28/2005**