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FORM PTO-1595
(Rev. 6-93)

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RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No.: 053933-5003

To the Commissioner for Patents:
Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):
Mitsuhiro TOGASHI

Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies):
Name: SAMSUNG ELECTRO-MECHANICS CO., LTD.

Internal Address:

Street Address: 314, Maetan-3dong, Paldal-Gu, Suwon,
Kyunggi-Do 442-743, Republic of Korea
City:
State: Zip:

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: April 2, 2001

Additional name(s) & address(es) attached?
 Yes No

4. Application number(s) or patent number(s): 09/818,935

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

A. Patent Application No.(s): B. Patent No.(s)

Additional numbers attached: Yes No

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

Name: Robert J. Gaybrick

Internal Address: Morgan, Lewis & Bockius LLP

Street Address: 1800 M Street, N.W.
City: Washington State: D.C. Zip: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R §3.41): \$40.00
 Enclosed
 Authorized to be charged to deposit account 50-0310

8. Deposit account number: 50-0310
Attach duplicate of page if paying by deposit account

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.

Robert J. Goodell [Signature] July 6, 2001
Name of Person Signing Signature Date
Reg. No. 41,040

Total number of pages including cover sheet, attachments and documents: 2

07/09/2001 TL0011 00000158 09818935
03 FC:581 40.00 DP

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: **TILT DETECTOR**

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on March 28, 2001, (Application No.): and

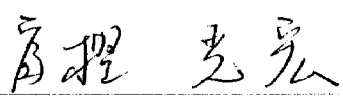
WHEREAS, **Samsung Electro-Mechanics Co., Ltd.**, a corporation of Korea, whose post office address is **314, Maetan-3dong, Paldal-Gu, Suwon, Kyunggi-Do 442-743, Republic of Korea** (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 09/818,935 filed March 28, 2001) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s):

Full Name of Sole or First Assignor Mitsuhiro TOGASHI	Assignor's Signature 	Date 2/4/2001
Address Electronics Research Center Samsung Yokohama Research Institute 2-7 Sugasawa-cho, Tsurumi-ku, Yokohama 230-0027, Japan	Citizenship JAPAN	
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		