
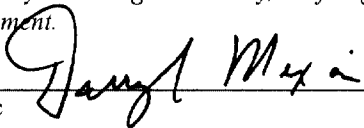


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Form PTO-1595 (modified) (Rev. 03/01) OMB No. 0651-0027		R		ET		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
102454084							
To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.							
1. Name of conveying party(ies): Yong-seop YOON				2. Name and address of receiving party(ies): Samsung Electronics Co., Ltd. 416 Maetan-dong, Paldal-gu Suwon-cty, Kyungki-do Rep. of Korea			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				<div style="writing-mode: vertical-rl; transform: rotate(180deg);">           jc978 U.S. PTO 10/437012 05/14/03         </div>			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other							
Execution Date: April 9, 2003				Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: April 9, 2003							
A. Patent Application No.(s) Not Yet Assigned				B. Patent No.(s) Not Yet Assigned			
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
5. Name and address of party to whom correspondence concerning document should be mailed: SUGHRUE MION, PLLC WASHINGTON OFFICE  23373 PATENT TRADEMARK OFFICE				6. Total number of applications and patents involved: 1			
				7. Total fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed. <input type="checkbox"/> Authorized to be charged to Deposit Account No. 19-4880. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.			
				8. Deposit Account Number: 19-4880 (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE							
9. Statement and signature. <i>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.</i>  Darryl Mexic Reg. No. 23,063 May 14, 2003 Date							
Total number of pages including cover sheet, attachments, and documents: 2							
Mail documents to be recorded with required cover sheet information to: MAIL STOP ASSIGNMENT RECORDATION SERVICES Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450							

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PATENT  
REEL: 014087 FRAME: 0732

# Assignment

Whereas, I/We, Yong-seop Yoon, residing at 102-504 Donga Apt., 66-3  
Chamwon-dong, Seocho-gu, Seoul, Rep. of Korea

hereinafter called assignor(s), have invented certain improvements in  
MICROMIRROR ACTUATOR AND METHOD OF MANUFACTURING THE SAME

and executed an application for Letters Patent of the United States of America therefor on  
9 April 2003; and

Whereas, Samsung Electronics Co., Ltd.  
416 Maetan-dong, Paldal-gu  
Suwon-city, Kyungki-do  
Rep. of Korea

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: 9 April 2003

s/

Yong Seop Yoon  
Yong-seop Yoon

Date: \_\_\_\_\_

s/

Date: \_\_\_\_\_

s/

Date: \_\_\_\_\_

s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)