

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jae Kyung KIM</td> <td>04/14/2005</td> </tr> <tr> <td>Chil Sung LEE</td> <td>04/14/2005</td> </tr> <tr> <td>Dong Won CHOI</td> <td>04/14/2005</td> </tr> </tbody> </table>		Name	Execution Date	Jae Kyung KIM	04/14/2005	Chil Sung LEE	04/14/2005	Dong Won CHOI	04/14/2005
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Jae Kyung KIM	04/14/2005								
Chil Sung LEE	04/14/2005								
Dong Won CHOI	04/14/2005								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Samsung Electro-Mechanics Co., Ltd.								
<b>Street Address:</b>	314 Maetan-3-dong, Youngtong-ku								
<b>City:</b>	Suwon, Kyungki-do								
<b>State/Country:</b>	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11115238</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11115238				
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Application Number:	11115238								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(703)518-5499								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Email:</b>	KLBRYANT@IPFIRM.COM								
<b>Correspondent Name:</b>	LOWE HAUPTMAN & BERNER, LLP								
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<b>Address Line 2:</b>	SUITE 300								
<b>Address Line 4:</b>	ALEXANDRIA, VIRGINIA 22314								
<b>ATTORNEY DOCKET NUMBER:</b>	2336-402								
<b>NAME OF SUBMITTER:</b>	Benjamin J. Hauptman								
<b>Total Attachments: 2</b> source=Assignment#page1.tif source=Assignment#page2.tif									

OP \$40.00 11115238

Docket No.

**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- |                           |           |
|---------------------------|-----------|
| (1) <u>KIM, Jae Kyung</u> | (5) _____ |
| (2) <u>LEE, Chil Sung</u> | (6) _____ |
| (3) <u>CHOI, Dong Won</u> | (7) _____ |
| (4) _____                 | (8) _____ |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SAMSUNG ELECTRO-MECHANICS CO., LTD.  
314 Maetan-3-dong, Youngtong-ku,  
Suwon, Kyungki-do, Republic of Korea

its successors and assigns (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 entitled ACTUATOR FOR TILTING REFLECTING MIRROR OF DIGITAL MICROMIRROR DEVICE FOR DIGITAL LIGHT PROCESSING TYPE PROJECTION

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Serial No. \_\_\_\_\_;

or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTOR(S)	DATE SIGNED
1) <u>Kim Jae Kyung</u> Name: KIM, Jae Kyung	<u>April 14, 2005</u>
2) <u>Chil Sung</u> Name: LEE, Chil Sung	<u>April 14, 2005</u>
3) <u>Choi D. W</u> Name: CHOI, Dong Won	<u>April 14, 2005</u>