

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kenji SHIMOHATA</td><td>04/07/2006</td></tr><tr><td>Toshie TAKEUCHI</td><td>04/10/2006</td></tr><tr><td>Tae Hyun KIM</td><td>04/07/2006</td></tr><tr><td>Hiroshi KIGAWA</td><td>04/19/2006</td></tr><tr><td>Tatsuo MATSUOKA</td><td>04/21/2006</td></tr></tbody></table>	Name	Execution Date	Kenji SHIMOHATA	04/07/2006	Toshie TAKEUCHI	04/10/2006	Tae Hyun KIM	04/07/2006	Hiroshi KIGAWA	04/19/2006	Tatsuo MATSUOKA	04/21/2006	
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RECEIVING PARTY DATA													
Name:	mitsubishi denki kabushiki kaisha												
Street Address:	7-3, Marunouchi 2-chome, Chiyoda-ku												
City:	Tokyo												
State/Country:	JAPAN												
Postal Code:	100-8310												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10578842</td></tr></tbody></table>	Property Type	Number	Application Number:	10578842									
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CORRESPONDENCE DATA													
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OP \$40.00 10578842

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PATENT
REEL: 020492 FRAME: 0059

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Kenji SHIMOHATA, Toshie TAKEUCHI, Tae Hyun KIM, Hiroshi KIGAWA and Tatsuo MATSUOKA hereby sells, assigns and transfers to

mitsubishi denki kabushiki kaisha
of 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled ACTUATOR DRIVING METHOD AND ACTUATOR DRIVING CIRCUIT which was executed by the undersigned on March 29, 2004 and accorded Serial No. PCT/JP2004/004448 (hereinafter called the Application);
- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S):

DATE

(Kenji SHIMOHATA)	<u>Kenji Shimohata</u>	<u>April 7, 2006</u>
(Toshie TAKEUCHI)	<u>Toshie Takeuchi</u>	<u>April 10, 2006</u>
(Tae Hyun KIM)	<u>Tae Hyun Kim</u>	<u>April 7, 2006</u>
(Hiroshi KIGAWA)	<u>Hiroshi Kigawa</u>	<u>April 19, 2006</u>
(Tatsuo MATSUOKA)	<u>Tatsuo Matsuoka</u>	<u>April 19, 2006</u>

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