

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>Masaya Tamura</td><td>03/09/2005</td></tr><tr><td>Shinji Kobayashi</td><td>03/09/2005</td></tr></tbody></table>	Name	Execution Date	Masaya Tamura	03/09/2005	Shinji Kobayashi	03/09/2005					
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Shinji Kobayashi	03/09/2005										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Murata Manufacturing Co., Ltd.</td></tr><tr><td>Street Address:</td><td>10-1 Higashikotari 1-chome</td></tr><tr><td>City:</td><td>Nagaokakyo-shi, Kyoto-fu</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>617-8555</td></tr></table>	Name:	Murata Manufacturing Co., Ltd.	Street Address:	10-1 Higashikotari 1-chome	City:	Nagaokakyo-shi, Kyoto-fu	State/Country:	JAPAN	Postal Code:	617-8555	
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
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Total Attachments: 1 source=Assignment-sig#page1.tif											

OP \$40.00 10527731

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PATENT
REEL: 016647 FRAME: 0934

ASSIGNMENT (WORLDWIDE)

WHEREAS, We, Masaya TAMURA and Shinji KOBAYASHI (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled **BUCKLING ACTUATOR** for which application for Letters Patent of the United States has been

— executed on even date herewith;
~~x~~ filed on March 14, 2005 as Serial No. 10/527,731

WHEREAS, Murata Manufacturing Co., Ltd., 10-1 Higashikotari 1-chome, Nagaokakyo-shi, Kyoto-fu 617-8555 JAPAN (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

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 application, said invention and said Letters Patent 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 representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated: 3/9/2005

Masaya Tamura
Masaya TAMURA

Dated: 3/9/2005

Shinji Kobayashi
Shinji KOBAYASHI