

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<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>Hirohisa YAMADA</td> <td>02/25/2004</td> </tr> <tr> <td>Osamu YAMAOKA</td> <td>02/27/2004</td> </tr> <tr> <td>Kazuyuki KUBOTA</td> <td>02/25/2004</td> </tr> </tbody> </table>		Name	Execution Date	Hirohisa YAMADA	02/25/2004	Osamu YAMAOKA	02/27/2004	Kazuyuki KUBOTA	02/25/2004
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Hirohisa YAMADA	02/25/2004								
Osamu YAMAOKA	02/27/2004								
Kazuyuki KUBOTA	02/25/2004								
RECEIVING PARTY DATA									
Name:	Murata Manufacturing Co., Ltd.								
Street Address:	10-1 Higashikotari, 1-chome								
Internal Address:	Nagaokakyo-shi								
City:	Kyoto-fu								
State/Country:	JAPAN								
Postal Code:	617-8555								
PROPERTY NUMBERS Total: 1									
<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>11357561</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11357561				
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CORRESPONDENCE DATA									
Fax Number:	(703)637-1499								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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NAME OF SUBMITTER:	Allison Cowan								

CH \$40.00 11357561

Total Attachments: 2
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ASSIGNMENT (WORLDWIDE)

WHEREAS, We, Hirohisa YAMADA, Osamu YAMAOKA, and Kazuyuki KUBOTA, (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled METHOD OF CALCULATING EFFECTIVE POWER RELATING TO CAPACITOR, METHOD OF MEASURING EFFECTIVE POWER CONSUMED BY CAPACITOR, CAPACITOR SELECTION METHOD, CALCULATION APPARATUS FOR CALCULATING EFFECTIVE POWER RELATING TO CAPACITOR, AND RECORDING MEDIUM STORING THE CALCULATION PROGRAM THEREFOR for which application for Letters Patent of the United States has been

..... executed on even date herewith;
.....x filed on November 24, 2003 as Serial No. 10/718,797.

WHEREAS, **Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-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: 2/25/2004

Hirohisa Yamada
Hirohisa YAMADA

Dated: Feb 27, 2004

Osamu Yamaoka
Osamu YAMAOKA

Dated: Feb. 25, 2004

Kazuyuki Kubota
Kazuyuki KUBOTA