

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MURATA MANUFACTURING CO., LTD.	07/22/2011
RECEIVING PARTY DATA	
Name:	SHOWA DENKO K.K.
Street Address:	13-9, Shiba Daimon 1-Chome, Minato-Ku
City:	Tokyo
State/Country:	JAPAN
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PROPERTY NUMBERS Total: 2	
Property Type	Number
Patent Number:	6660188
Patent Number:	6663796
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NAME OF SUBMITTER:	Michelle L Delozier for Abraham J Rosner
Total Attachments: 2 source=Assignment_Murata_to_Showa#page1.tif source=Assignment_Murata_to_Showa#page2.tif	

OP \$80.00 6660188

Assignment - Entire Interest Scheduled Patents

Whereas, **MURATA MANUFACTURING CO., LTD.**, a Japanese corporation, having a place of business at 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto 617-8555 JAPAN, herein called assignor, is the owner and assignee of record of a 100% right, title and interest in the issued U.S. Patents listed in the attached **Appendix** (hereinafter the "Assigned Patents") by one or more of (1) an assignment executed by the inventor(s) and recorded with the USPTO, (2) by assignment of another company and recorded with the USPTO, (3) by name change recorded with the USPTO and (4) by merger recorded with the USPTO; and

Whereas, **SHOWA DENKO K.K.**, a Japanese corporation, having a place of business at 13-9, Shiba Daimon 1-Chome, Minato-Ku, Tokyo 105-8518, JAPAN, hereinafter called assignee, desires to acquire the assignor's entire rights, title, and interest in the Assigned Patents and the inventions disclosed therein, including rights to recover for past infringement in the Assigned Patents;

Therefore, for valuable consideration, receipt whereof is hereby acknowledged, the above named assignor hereby states as follows:

Assignor hereby sells, assigns and transfers to the above named assignee, its successors and assigns, assignor's entire right, title and interest in the Assigned Patents and the inventions disclosed therein, including the right to enforce the Assigned Patents and the right to recover for past infringement in the Assigned Patents; and assignor will execute without further consideration all papers deemed necessary by the assignee in connection with the Assigned Patents when called upon to do so by the assignee.

IN WITNESS WHEREOF, **MURATA MANUFACTURING CO., LTD.** has executed this Assignment by proper persons duly authorized.

MURATA MANUFACTURING CO., LTD.

Date:

July 22, 2011

K. Iwai

by: **Kiyoshi IWAI**

General Manager, Intellectual Property Department

MURATA MANUFACTURING CO., LTD.

Witness:

Date:

July 21, 2011

Yuki Hosokawa

Name

Yuki Hosokawa

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

APPENDIX

1. U.S. Patent No. 6,663,796
2. U.S. Patent No. 6,660,188