

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
SHOWA DENKO K.K.	12/31/2009

**RECEIVING PARTY DATA**

Name:	MURATA MANUFACTURING CO., LTD.
Street Address:	10-1, Higashikotari 1-chome
City:	Nagaokakyo-shi, Kyoto-fu
State/Country:	JAPAN
Postal Code:	617-8555

**PROPERTY NUMBERS Total: 13**

Property Type	Number
Patent Number:	6454953
Patent Number:	6813141
Patent Number:	6483694
Patent Number:	7025795
Patent Number:	7232469
Patent Number:	6556427
Patent Number:	6421227
Patent Number:	6706078
Patent Number:	6449140
Patent Number:	6381121
Patent Number:	6783703
Patent Number:	7060205
Patent Number:	6862169

**CORRESPONDENCE DATA**

**CH \$520.00 6454953**

Fax Number: (202)293-7860  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 2022937060  
Email: SUGHRUE@SUGHRUE.COM  
Correspondent Name: SUGHRUE MION, PLLC  
Address Line 1: 2100 Pennsylvania Ave., N.W.  
Address Line 4: Washington, DISTRICT OF COLUMBIA 20037

ATTORNEY DOCKET NUMBER:	045209
NAME OF SUBMITTER:	Abraham J. Rosner

Total Attachments: 2  
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## Assignment - Entire Interest Scheduled Patents

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, 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, **MURATA MANUFACTURING CO., LTD.**, a Japanese corporation, having a place of business at 10-1, Higashikotari 1-chome Nagaokakyo-shi, Kyoto-fu 617-8555, JAPAN, hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in and to said Assigned Patents and the inventions disclosed therein;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged:

The above named Assignor, hereby sells, assigns and transfers to the above named Assignee, its successors and assigns, the Assignor's entire right, title and interest in the Assigned Patents and the invention disclosed therein for the United States of America; and Assignor will execute without further consideration all papers deemed necessary by the Assignee in connection with said Assigned Patents when called upon to do so by the Assignee.

IN WITNESS WHEREOF, **SHOWA DENKO K.K.** has executed this Assignment by proper persons duly authorized.

**SHOWA DENKO K.K.**

Date:

*Dec. 31, 2009*

by: **HIROKAZU IWASAKI**

Corporate Officer

General Manager, Intellectual Property Office, Technology Headquarters

**SHOWA DENKO K.K.**

Witness:

Date:

*Dec. 31, 2009*

Name

*Shinichi Baba*

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

**APPENDIX**

1. U.S. Patent No. 6,454,953
2. U.S. Patent No. 6,813,141
3. U.S. Patent No. 6,483,694
4. U.S. Patent No. 7,025,795
5. U.S. Patent No. 7,232,469
6. U.S. Patent No. 6,556,427
7. U.S. Patent No. 6,421,227
8. U.S. Patent No. 6,706,078
9. U.S. Patent No. 6,449,140
10. U.S. Patent No. 6,381,121
11. U.S. Patent No. 6,783,703
12. U.S. Patent No. 7,060,205
13. U.S. Patent No. 6,862,169