

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Koichi KURATA	06/07/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MITSUMI ELECTRIC CO., LTD.
<b>Street Address:</b>	2-11-2, Tsurumaki, Tama-Shi
<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	206-8567
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13133768
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)797-8188
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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<b>Address Line 1:</b>	1054 31ST STREET, N.W.
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<b>ATTORNEY DOCKET NUMBER:</b>	11MM-022
<b>NAME OF SUBMITTER:</b>	Martin A. Weeks
<b>Total Attachments: 3</b> source=11MM-022AssignmentRecordation#page1.tif source=11MM-022AssignmentRecordation#page2.tif source=11MM-022AssignmentRecordation#page3.tif	

CH \$40.00 13133768

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Koichi KURATA

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: MITSUMI ELECTRIC CO., LTD.

Internal Address: \_\_\_\_\_

Street Address: 2-11-2, Tsurumaki, Tama-Shi,

City: Tokyo

State: \_\_\_\_\_

Country: Japan

Zip: 206-8567

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) June 7, 2011

Assignment

Merger

Security Agreement

Change of Name

Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: IPUSA, PLLC

Internal Address: \_\_\_\_\_

Street Address: 1054 31st Street, N.W., Suite 400

City: Washington

State: DC

Zip: 20007

Phone Number: 202-797-4181

Fax Number: 202-797-8188

Email Address: ipusa@ipusapat.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

Authorized to be charged by credit card

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-4424

Authorized User Name Martin A. Weeks

**9. Signature:**

Martin A. Weeks

Signature

6/9/2011

Date

Martin A. Weeks  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: **3**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1460

ASSIGNMENT

THIS ASSIGNMENT, by Koichi KURATA (hereinafter referred to as "Assignor"), residing at Tama-Shi, Tokyo, Japan ;

WHEREAS, Assignor has invented certain new and useful improvements in

BATTERY PACK, SEMICONDUCTOR INTEGRATED CIRCUIT, REMAINING  
CAPACITY CORRECTION METHOD, AND STORAGE MEDIUM

set forth in a patent application for Letters Patent of the United States, executed concurrently herewith; and

WHEREAS, MITSUMI ELECTRIC CO., LTD. (hereinafter referred to as "Assignee"), having offices at 2-11-2, Tsurumaki, Tama-Shi, Tokyo 206-8567 Japan, is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuation-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and Assignment not been made;

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles, and or interests that have arisen to Assignee under the law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns shall advise; that any proceeding in connection with said inventions, or said patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

AND Assignor hereby requests that the Director of the United States Patent and Trademark Office issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the said Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns;

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document: All practitioners associated with the Customer Number 77464.

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

June 7, 2011  
Date

Koichi KURATA  
Koichi KURATA