

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
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Makoto HAMADA	02/05/2008
RECEIVING PARTY DATA	
Name:	Toshiba America Electronic Components, Inc.
Street Address:	Suite 400, 19900 MacArthur Blvd.
City:	Irvine
State/Country:	CALIFORNIA
Postal Code:	92612
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11955831
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Total Attachments: 2 source=319666USASSIGNMENT#page1.tif source=319666USASSIGNMENT#page2.tif	

OP \$40.00 11955831

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

**SEMICONDUCTOR MEMORY DEVICE WHICH INCLUDES MEMORY CELL HAVING CHARGE ACCUMULATION LAYER AND CONTROL GATE**

have sold and assigned and do hereby sell and assign to  
Toshiba America Electronic Components, Inc.  
a U.S. corporation, having a business address at  
Suite 400, 19900 MacArthur Blvd., Irvine, CA 92612, U. S. A.

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

- (check one)  executed concurrently herewith  
 executed on \_\_\_\_\_ ;  
 Application No. 11/955,831 , filed December 13, 2007 ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document.

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ASSIGNMENT

ACG044790-USA-A  
(07S0597)

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January 14, 2008  
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Makoto Hamada  
Makoto Hamada

February 5, 2008  
Date: