

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shigeaki Iwasa</td> <td>08/28/2009</td> </tr> <tr> <td>Seiji Maeda</td> <td>08/28/2009</td> </tr> <tr> <td>Hiroo Hayashi</td> <td>08/28/2009</td> </tr> </tbody> </table>		Name	Execution Date	Shigeaki Iwasa	08/28/2009	Seiji Maeda	08/28/2009	Hiroo Hayashi	08/28/2009
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Shigeaki Iwasa	08/28/2009								
Seiji Maeda	08/28/2009								
Hiroo Hayashi	08/28/2009								
<b>RECEIVING PARTY DATA</b>									
Name:	Kabushiki Kaisha Toshiba								
Street Address:	1-1, Shibaura 1-chome, Minato-ku								
City:	Tokyo								
State/Country:	JAPAN								
Postal Code:	105-8001								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12563756</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12563756				
Property Type	Number								
Application Number:	12563756								
<b>CORRESPONDENCE DATA</b>									
Fax Number:	(512)306-9952								
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NAME OF SUBMITTER:	Mark L. Berrier								

OP \$40.00 12563756

Total Attachments: 2  
 source=TSHB00900 - Toshiba asst - signed#page1.tif

**500967922**

**PATENT  
 REEL: 023260 FRAME: 0418**



**ASSIGNMENT**

(1-8) Name(s) of Inventor(s):

- (1) Shigeaki Iwasa (5)
- (2) Seiji Maeda (6)
- (3) Hiroo Hayashi (7)
- (4) (8)

In consideration of the good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to:

(9) Name of Assignee

(9) **KABUSHIKI KAISHA TOSHIBA**

(10) State of Incorporation of Assignee

(10) **Japan**

(11) Address of Assignee

(11) of **1-1, Shibaura 1-chome, Minato-ku  
Tokyo, Japan**

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) Identification of Invention, such as Title, Case Number or Foreign Application Number

(12) **Systems and Methods for Transferring Data to Maintain Preferred Slot Positions in a Bi-Endian Processor, Attorney Docket TSHB00900**, for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

(13) Date(s) of Signing of Declaration

(13) on \_\_\_\_\_

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints the persons associated with Customer Number 42671 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.

Date: 8/27/2009

Signature of Inventor #1: Shigeaki Iwasa

Date: 8/27/2009

Signature of Inventor #2: Seiji Maeda

7/5/09 → Date: Aug 27, 2009  
Date: \_\_\_\_\_  
Date: \_\_\_\_\_  
Date: \_\_\_\_\_  
Date: \_\_\_\_\_  
Date: \_\_\_\_\_

Signature of Inventor #3: Atsuro Hayashi  
Signature of Inventor #4: \_\_\_\_\_  
Signature of Inventor #5: \_\_\_\_\_  
Signature of Inventor #6: \_\_\_\_\_  
Signature of Inventor #7: \_\_\_\_\_  
Signature of Inventor #8: \_\_\_\_\_