

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr><td>Masayuki TOYAMA</td><td>11/07/2007</td></tr> <tr><td>Masahiro NAKANISHI</td><td>11/07/2007</td></tr> <tr><td>Tomoaki IZUMI</td><td>11/07/2007</td></tr> <tr><td>Tetsushi KASAHARA</td><td>11/07/2007</td></tr> <tr><td>Kazuaki TAMURA</td><td>11/07/2007</td></tr> <tr><td>Kiminori MATSUNO</td><td>11/07/2007</td></tr> <tr><td>Manabu INOUE</td><td>11/07/2007</td></tr> </tbody> </table>		Name	Execution Date	Masayuki TOYAMA	11/07/2007	Masahiro NAKANISHI	11/07/2007	Tomoaki IZUMI	11/07/2007	Tetsushi KASAHARA	11/07/2007	Kazuaki TAMURA	11/07/2007	Kiminori MATSUNO	11/07/2007	Manabu INOUE	11/07/2007
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RECEIVING PARTY DATA																	
Name:	Matsushita Electric Industrial Co., Ltd.																
Street Address:	1006, Oaza-kadoma, Kadoma City																
City:	Osaka Pref.																
State/Country:	JAPAN																
Postal Code:	571-8501																
PROPERTY NUMBERS Total: 1																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11909749</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11909749												
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CORRESPONDENCE DATA																	
Fax Number:	(703)716-1180																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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OP \$40.00 11909749

NAME OF SUBMITTER:

William E. Lyddane

Total Attachments: 2

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ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Masayuki TOYAMA	(6) Kiminori MATSUNO
(2) Masahiro NAKANISHI	(7) Manabu INOUE
(3) Tomoaki IZUMI	(8)
(4) Tetsushi KASAHARA	(9)
(5) Kazuaki TAMURA	(10)

who has/have made a certain new and useful invention, hereby sell, assign and transfer unto

Matsushita Electric Industrial Co., Ltd.

1006, Oaza-kadoma, Kadoma City, Osaka Pref., 571-8501 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

STORAGE DEVICE

(a) for which an application for United States Letters Patent was filed on September 26, 2007, and identified by United States Serial No. 11/909,749 ;

(b) for which an application for United States Letters Patent is attached hereto,

(c) for which a PCT application was filed on March 24, 2006 identified by PCT international application No. PCT/JP2006/305964,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE:

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

S I G N E D on the date(s) indicated aside my/our signature(s):

I N V E N T O R (S)

D A T E S I G N E D

(1) <u>Masayuki Toyama</u> Name: Masayuki TOYAMA	<u>November 7, 2007</u>
(2) <u>Masahiro Nakanishi</u> Name: Masahiro NAKANISHI	<u>November 7, 2007</u>
(3) <u>Tomoaki Izumi</u> Name: Tomoaki IZUMI	<u>November 7, 2007</u>
(4) <u>Tetsushi Kasahara</u> Name: Tetsushi KASAHARA	<u>November 7, 2007</u>
(5) <u>Kazuaki Tamura</u> Name: Kazuaki TAMURA	<u>November 7, 2007</u>

PATENT

REEL: 020200 FRAME: 0167

(6) Kiminori Matsuno
Name: Kiminori MATSUNO

November 7, 2007

(7) Manabu Inoue
Name: Manabu INOUE

November 7, 2007