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Correspondent Name and Address

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Pages Enter the total number of pages of the attached conveyance document: 4
(including any attachments, but not counting cover sheets)

Application Number(s) or Patent Number(s) Additional numbers attached? Yes XX No

A. Patent Application No.(s)

B. Patent No.(s)

Please see attachment for
 Patent Application Numbers (Exhibit A)

Please see attachment for
 Patent Numbers (Exhibit A)

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: _____
(Do not recite both application and patent numbers.)

Patent Cooperation Treaty (PCT)
 Enter PCT application number only if
 a U.S. Application Number has not been assigned

PCT _____
 PCT _____
 PCT _____

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Fee Amount Fee Amount for Properties Listed (37 CFR 3.41). . . . \$560.00 (\$40.00 x 14)

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Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Donald W. Hanson

Name of Person Signing


 Signature

November 2, 2009

Date

27,133

Registration No.

EXHIBIT A

<u>U.S. Patent Application No.</u>	<u>Filing Date</u>	<u>Reel No.</u>	<u>Frame No.</u>
12/155,509	06/05/2008	015729	0434
11/441,180	06/25/2006	017941	0462
11/902,123	09/19/2007	019921	0191
11/650,952	01/09/2007	018780	0060
11/647,189	12/29/2006	018754	0740
11/785,636	04/19/2007	019268	0760

EXHIBIT A

<u>U.S. Patent No.</u>	<u>Issue Date</u>	<u>Reel No.</u>	<u>Frame No.</u>
7,511,923	03/31/2009	016318	0004
7,570,459	08/04/2009	016929	0222
7,558,023	07/07/2009	016938	0734
7,522,360	04/21/2009	018079	0372
7,581,309	09/01/2009	017688	0185
7,582,553	09/01/2009	017612	0372
7,599,150	10/06/2009	016917	0356
7,602,583	10/13/2009	017733	0213

ASSIGNMENT

WHEREAS, FUJITSU LIMITED (hereinafter referred to as ASSIGNOR), a corporation duly organized under the laws of Japan, having an office and place of business at 1-1, **Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan**, owns the entire rights, title and interest in the inventions described and claimed in the attached list of United States Patent Application No.(s) (referred to as Attachment Exhibit A) and all Letters Patent of the United States to be obtained therefor on said application or from any continuation, divisional, renewal, substitute or reissue or reexamination thereof for the full term or terms for which the same may be granted;

WHEREAS, FUJITSU LIMITED (ASSIGNOR), in this Assignment, wishes to assign and transfer its rights and interest in said United States Patent Application No.(s) (referred to as Attachment Exhibit A) to **Toshiba Storage Device Corporation** (hereinafter referred to as ASSIGNEE), a corporation duly organized under the laws of Japan, having an office and place of business at 1-1, **Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan**, and ASSIGNEE wishes to acquire ASSIGNOR's interest in the attached list of United States Patent Application No.(s) (referred to as Attachment Exhibit A);

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE its entire interest in the attached list of United States Patent Application No.(s) (referred to as Attachment Exhibit A) and all Letters Patent of the United States to be obtained therefor on said application or from any continuation, divisional, renewal, substitute or reissue or reexamination thereof for the full term or terms for which the same may be granted.

IN WITNESS WHEREOF, have hereunto set hand and seal
this 14th day of October, 2009

Assignor: **FUJITSU LIMITED**

Signature: Masahiro Kamei

Printed Name: Masahiro Kamei

Title: General Manager, Intellectual
Property Planning Office

ASSIGNMENT

WHEREAS, **FUJITSU LIMITED** (hereinafter referred to as ASSIGNOR), a corporation duly organized under the laws of Japan, having an office and place of business at **1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan**, owns the entire rights, title and interest in the inventions described and claimed in the attached list of United States Patent (s) (referred to as Attachment Exhibit A) or from any continuation, divisional, renewal, substitute or reissue or reexamination thereof for the full term or terms for which the same may be granted;

WHEREAS, **FUJITSU LIMITED** (ASSIGNOR), in this Assignment, wishes to assign and transfer its rights and interest in said United States Patent (s) (referred to as Attachment Exhibit A) to **Toshiba Storage Device Corporation** (hereinafter referred to as ASSIGNEE), a corporation duly organized under the laws of Japan, having an office and place of business at **1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan**, and ASSIGNEE wishes to acquire ASSIGNOR's interest in the attached list of United States Patent (s) (referred to as Attachment Exhibit A);

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IN WITNESS WHEREOF, have hereunto set hand and seal
this 14th day of October, 2009

Assignor: **FUJITSU LIMITED**

Signature: Masahiro Kamei

Printed Name: Masahiro Kamei

Title: General Manager, Intellectual
Property Planning Office

TELEFAX TRANSMISSION COVER SHEET

To: Attn: ASSIGNMENT BRANCH
U.S. Patent & Trademark Office
Fax No: (571) 273-0140

From: Mr. Donald W. Hanson
of
KRATZ, QUINTOS & HANSON, LLP.

Re: U.S. Patent Application Nos. (Exhibit A)
U.S. Patent Nos. (Exhibit A)
Our Reference: 090286

**RECORDATION FORM COVER SHEET
FOR ASSIGNMENT (PATENT ONLY)**

If all pages not received, please call the above-identified attorney at local telephone no. 202-659-2930.

Certification of Facsimile Transmission

I hereby certify that this paper, a Recordation Form Cover Sheet (6 pages and 1 page cover sheet for total of 7 pages), is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Person signing certification:


Donald W. Hanson, Reg. No. 27,133

November 2, 2009

Date

Attys. Docket No. 090286