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06-14-2004

## Attorney Docket No. 16869B-110900US

Form PTO-1595			
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(Rev. 10-02) OMB No. 0651-0027 (exp. 5/31/2002) U.S. Patent and Trademark Office			
To the Honorable Commissioner of Patents and Trademarks.			
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Manabu Kitamura	Name: Hitachi, Ltd.		
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No.  3. Nature of conveyance:	Street Address: 6, Kanda Surugadai, 4-Chome, Chiyotta-ku		
	City: Tokyo Country : Japan		
☐ Security Agreement ☐ Change of Name	10,0		
Other:	City: Tokyo Country : Japan  878 878 878 878 878 878 878 878 878 8		
Execution Date: May 25, 2004			
4. Application number(s) or patent number(s):			
If this document is being filed together with a new application, the execution date of the application is: May 25, 2004			
A. Patent Application No(s):	B. Patent No(s):		
101858717			
Additional numbers atta	ched? ☐ Yes ☐ No		
Name and address of party to whom correspondence	Total number of applications and patents involved 1		
concerning document should be mailed:	o. Total number of applications and patents involved 1		
Name: Steve Y. Cho	7. Total fee (37 CFR 3.41):\$40.00		
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**PATENT** 

REEL: 015439 FRAME: 0957

Attorney Docket No.: 16869B-110900US

Client Reference No.: HAL 305

## ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, Manabu Kitamura of 19500 Pruneridge Avenue, #3311, Cupertino, CA 95014 hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

DYNAMIC LOAD BALANCING OF A STORAGE

**SYSTEM** 

Date(s) of execution of Declaration:

Filing Date:

Application No.:

; and

WHEREAS, Hitachi, Ltd., a corporation of Japan, located at 6, Kanda Surugadai, 4-Chome, Chiyoda-ku, Tokyo, Japan, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Dated: 05/25/2004

RECORDED: 06/01/2004

Manaba Kitamura

Manabu Kitamura

60224517 v1

PATENT REEL: 015439 FRAME: 0958