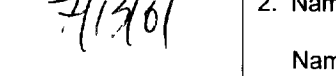
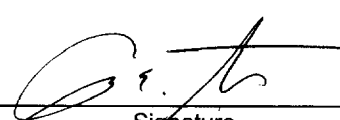


<b>Form PTO-1595</b> (Rev. 03-01) OMB No. 0651-0027 (exp. 5/31/2002)		 <b>101796637</b>		U.S. Department of Commerce U.S. Patent and Trademark Office	
Tab settings <span style="font-size: small;">☐ ☐ ☐ ▼ ▼ ▼</span>					
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof					
1. Name of conveying party(ies): <div style="text-align: center; font-size: 1.2em;">7/13/01</div> Shoji Kodama			2. Name and address of receiving party(ies) Name: <u>Hitachi, Ltd.</u> Internal Address: _____ Street Address: <u>6, Kanda-Surugadai 4-chome, Chiyoda-ku, T</u> City: <u>Tokyo 101-8010</u> State: <u>JAPAN</u> ZIP: _____		
Additional name(s) of conveying parties attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No. 3. Nature of conveyance: <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> Assignment  <input type="checkbox"/> Security Agreement  <input type="checkbox"/> Other: _____         </div> <div> <input type="checkbox"/> Merger  <input type="checkbox"/> Change of Name         </div> </div>			Additional names and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <div style="text-align: right; font-size: 1.5em;">09/905270</div>		
Execution Date: <u>July 13, 2001</u>					
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: <u>July 13, 2001</u>					
A. Patent Application No(s):			B. Patent No(s):		
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Gregory E. Stanton</u> <u>TOWNSEND AND TOWNSEND AND CREW LLP</u> <u>Two Embarcadero Center, 8<sup>th</sup> Floor</u> <u>San Francisco, California 94111-3834</u> <u>(415) 576-0200</u>			6. Total number of applications and patents involved <u>1</u> 7. Total fee (37 CFR 3.41): ----- <u>\$40.00</u> <div style="margin-top: 10px;"> <input type="checkbox"/> Enclosed  <input checked="" type="checkbox"/> Authorized to be charged to deposit account         </div>		
			8. Deposit account number: <u>20-1430</u> (Attach duplicate copy of this page if paying by deposit account)		
<b>DO NOT USE THIS SPACE</b>					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.</i>					
<u>Gregory E. Stanton</u> Name of Person Signing Atty. Reg. No. 45,127		 Signature		<u>July 13, 2001</u> Date	
Total number of pages including cover sheet, attachments and document <span style="float: right;">2</span>					

08/01/2001 TBI AZ1 00000110 201430  
SF 1246905 v1  
01 FC:581 40.00 CH

Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

**ASSIGNMENT OF PATENT APPLICATION**

SOLE

WHEREAS, Shoji Kodama, of 335 Elan Village Lane, #323, San Jose, CA 95134; 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: STORAGE DEVICE WITH I/O COUNTER FOR PARTIAL  
DATA REALLOCATION

Date(s) of execution of Declaration: July 13, 2001

Filing Date: July 13, 2001

Application No.: ; and

WHEREAS, Hitachi, Ltd., located at 6, Kanda-Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010, 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, 8<sup>th</sup> 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: 7/13/2001

  
Shoji Kodama