RECOR 04-03-2000	
A DESIGN WENT CHARACTER THAT A CONTROL BRANCH BRANC	
To the Honorable commissioner of Patents ε Plea e record the attached original docum	01304093
1. Name of conveying party(ies):	2. Name and address or receiving party(ies):
Jeffrey L. Grummon	Name: Adaptec, Inc.
Chris R. Franklin	Street Address: 691 South Milpitas Boulevard
Additional name(s) of conveying party(ies) attached?YesXNo	City: Milpitas 3 - 27-00
3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name	State: CA Zip: 95035
Other Execution Date: 3/21/00	Additional name(s) & address(es) attached?YesX_No
4. Application number(s) or patent number(s): 09/465,354If this document is being filed together with a new a date of the application is:	application, the execution
A. Patent Application No.(s)	B. Patent No. (s)
Additional numbers attached? Yes X No	
5. Name and address of party to whom correspondence concerning document should be mailed: Cesari and McKenna, LLP	6. Total number of applications and patents involved:
Name: William A. Loginov	7. Total fee (37 CFR 3.41)\$40.00 X Enclosed
Street Address: 30 Rowes Wharf	Authorized to be charged to deposit account
City: Boston State: MA Zip: 02110	8. Deposit account no. 03-1237 (Attach duplicate copy of this page if paying by deposit account)
03/30/2000 MMARNOL 00000003 09465354 DO NOT USE THIS SPACE	
02 FC:581 40.00 OP	
9. 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. 3/27/20	
William A. Loginov Signature	Date Total number of pages comprising cover sheet: 1

PATENT REEL: 010645 FRAME: 0186

ASSIGNMENT

Whereas We, Jeffrey L. Grummon, whose residence address is 14 Riverview Street, Milford, NH 03055, , and Chris R. Franklin, whose residence address is 6 Dunloggin Drive, Merrimack, NH 03054, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled SYSTEM AND METHOD FOR DISK CONTROL WITH SNAPSHOT FEATURE INCLUDING READ-WRITE SNAPSHOT HALF, identified by Cesari and McKenna File No. 112036-0026, the specification of which was filed on December 16, 1999, and accorded Serial Number 09/465,354; and

Whereas Adaptec, Inc., whose address is 691 South Milpitas Boulevard, Milpitas, CA 95035, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

- 1. Assign, transfer, and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;
- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same Assignee without encumbrance;
- 5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents

PATENT REEL: 010645 FRAME: 0187 including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

3122112	221 2 dans
Date	Jeffrey L. Grummon, Inventor

State of New Hampshire

2000, before me appeared Jeffrey L. Grummon, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

[seal]

RECORDED: 03/27/2000

Notary Public - New Hampshire My Commission Expires April 7, 2004

PATENT REEL: 010645 FRAME: 0188