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LETTER

U.S. DEPARTMENT OF COM

Patent and Trademark

102396790 Attorney Docket No.: 819

To the Assistant Commissioner for Patents: Please r	ecord the attached original documents or copy thereof.
1. Name of conveying party(ies):	Name and address of receiving party(ies):
A asahiro KAWAGUCHI ≅enichi KAGEURA Takao SATO	HITACHI, LTD. 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan
Additi nal name(s) of conveying party(ies) attached? Yes No	
3. * ature of conveyance:	
[] Assignment	
€ ⟨ecution Date: February 4, 2003	
	Additional name(s) & address(es) attached? ☐ Yes ☒ No
4. 4 oplication number(s) or patent number(s):	
this document is being filed together with a new application, the execution date of the application is: February 4, 2003	
Patent Application No.(s) 10382804	B. Patent No.(s)
Additional numbers attached? ☐ Yes ☒ No	
 Name and address of party to whom correspondence concerning document should be mailed: 	Total number of applications and patents involved: [1]
Anthony J. Orler, Esq. HOGAN & HARTSON L.L.P. 500 South Grand Avenue, Suite 1900 Los Angeles, CA 90071	7. Total fee (37 CFR 3.41) \$40.00
	Authorized to be charged to deposit account
	8. Deposit account number:
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720/2003 99YRNE 00000161 10382804 (Attach duplicate copy of this page in paying by deposit account) FC:8021 40.00 OP DO NOT USE THIS SPACE	
9. Eatement and signature.	
the best of my keptyledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. Date: March 6, 2003	
Anthony J. Orler	
OMi3 No. 0651-0011 (exp. 4/94) Mail documents to be recorded with required cover sheet information to:	
Assistant Commissioner for Patents Box Assignments	
Washington, D.C. 20231	

PATENT REEL: 013856 FRAME: 0134

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

DISK CONTROL APPARATUS AND ITS CONTROL METHOD

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment. extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

RECORDED: 03/06/2003

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) Messahiro Kawagachi	Fubrary 4, 2003
2) Kuseara Konichi Kasewa	Fabruary 4, 2003
3) Takao Sato	February 4, 2003 February 4, 2003
4)	
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PATENT REEL: 013856 FRAME: 0135