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(Rev. 03/01)

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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

CULMAN, Todd G.

HOYT, Roger F.

01/03/02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other \_\_\_\_\_

10/05/2001

Execution Date: \_\_\_\_\_

## 2. Name and address of receiving party(ies)

Name: International Business Machines Corporation

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: Armonk State: NY Zip: 10504

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 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: 10/05/01

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: WEN LIU

Internal Address: LIU &amp; LIU LLP

Street Address: \_\_\_\_\_

811 West 7th Street, Suite 1100

City: Los Angeles State: CA Zip: 90017

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00



Enclosed



Authorized to be charged to deposit account

## 8. Deposit account number:

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## 9. Signature.

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Name of Person Signing

Signature

January 3, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
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01/10/2002 MAHME1 00000011 10037871

04 FC:581

40.00 DP

PATENT  
REEL: 012438 FRAME: 0419

ASSIGNMENT

DOCKET NO.: SJ09-2000-0178

INVENTOR  
AND CITY

Whereas, we

- (1) Todd G. Culman  
(2) Roger F. Hoyt

of San Jose, County of Santa Clara  
and State of California and  
of San Jose, County of Santa Clara  
and State of California and

have invented certain improvements in

TITLE

A HARD DISK DRIVE WITH SELF-CONTAINED ACTIVE ACOUSTIC NOISE REDUCTION

DATES THAT  
INVENTORS  
SIGNED THE  
DECLARATION

and executed, respectively, a United States patent application therefor on

- (1) Ed 08, 2001, (2) 10 15, 2001.

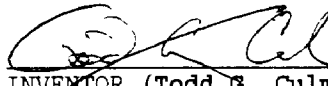
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

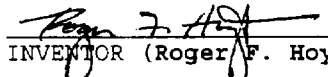
CITY  
DATE

(1) at San Jose, CA  
on ~~August~~ 8, 2001,  
October  
TRC

  
INVENTOR (Todd G. Culman) SIGNATURE

CITY  
DATE

and (2) at San Jose, CA  
on ~~August~~ 5, 2001,  
October  
RFH

  
INVENTOR (Roger F. Hoyt) SIGNATURE