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

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

Thorsten Schmidt

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

## 3. Nature of conveyance:

☒ Assignment ☐ Merge  
☐ Security Agreement ☐ Change of Name

Execution Date: 3/24/98

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

Name: Quantum Corporation  
Internal Address: Patent Department  
Mail Stop 22132  
500 McCarthy Blvd.  
Milpitas, CA 95035

Additional name(s) &amp; Address(es) attached? 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:

A. Patent Application No.(s)  
09/036,505

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: John C. Chen  
Internal Address: Patent Law Manager  
Mail Stop 22130  
QUANTUM CORPORATION  
500 McCarthy Blvd.  
Milpitas, CA 950356. Total number of applications involved: 17. Total fee (37 CFR 3.41).....\$ 40☐ Enclosed  
☒ Authorized to be charged to deposit account8. Deposit account number: 50-0283

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and Signature.

To the best of my knowledge and belief, the information is true and correct and any attached copy is a true copy of the original document.

07/31/1998 TT0005 00000005 500283 09036505

01 FC:304

40 John C. Chen  
Name of Person Signing  
(Reg. 39,136)

Signature

7/17/98  
DateMail Document to be recorded with required cover sheet information to:  
Commissioner of Patent & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT

REEL: 9361 FRAME: 0281

### PATENT ASSIGNMENT

WHEREAS We, Thorsten Schmidt, a citizen of the United States of America, residing at 542 Alexander Way, Milpitas, California 95035, and Jwo-min Wang, a citizen of Taiwan, residing at 753 Duncardine Way, Sunnyvale, California 94087 have invented improvements for a certain new and useful METHOD AND APPARATUS FOR PERFORMING CURRENT SHAPING FOR SEEKING ACOUSTICS REDUCTION IN A DISK DRIVE, for which we are filing an application for Letters Patent to the United States Patent and Trademark Office, said application having been executed by me on 3/24/98; and

WHEREAS, QUANTUM CORPORATION, a corporation existing under the laws of the State of Delaware and doing business at 500 McCarthy Blvd., Milpitas, California 95035, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said patent application,

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, We, THORSTEN SCHMIDT and JWO-MIN WANG have sold, assigned, transferred, and set over, and by these presents do hereby sell, assign, transfer and set over unto the said QUANTUM CORPORATION, its successors, legal representatives and assign my entire right, title and interest in, to and under the said invention and the said application for Letters Patent executed on even date herewith, a copy of which as filed in the United States Patent and Trademark Office is contained in a file marked "Docket No. Q98-1084-US1" in the Corporate Legal Department of the said Quantum Corporation, any provisional applications upon which said application for Letters Patent is based upon, and all divisions, continuations and continuations-in-part thereof, and all Letters Patent of the United States which may be granted thereon and all applications for Letters Patent which may be granted for said invention in any country or countries foreign to the United States of America, and to all extensions, renewals and reissues thereof, and to all reexamination certificates issued thereon, and the right to claim priority under the International Convention for the Protection of Industrial Property; and, we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said QUANTUM CORPORATION, its successors, legal representatives and assigns, in accordance with this instrument.

AND we hereby covenant that each of us has the full right to convey his entire interest herein assigned, and that each of us has not executed, and will not execute, any agreement in conflict herewith.

AND hereby further covenant and agree that each of us will communicate to the said QUANTUM CORPORATION, its successors, legal representatives and assigns, any facts known to him respecting said invention and said applications, and testify in any legal proceedings, execute all lawful papers, make all rightful oaths and generally do everything possible to aid the said QUANTUM CORPORATION, its successors, legal representatives and assigns to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, the undersigned have hereunto set our hands and seals on the date set out adjacent to our name herein below.

Thorsten Schmidt  
THORSTEN SCHMIDT

Date: 3/24/98

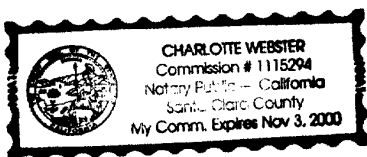
JWO-MIN WANG

Date:

State of California

County of Santa Clara

On 3/24/98 before me, Charlotte Webster, the undersigned Notary Public, personally appeared THORSTEN SCHMIDT and ~~JWO-MIN WANG~~ being personally known to me or proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to the within instrument, and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument. Witness my hand and seal.



Charlotte Webster  
Notary Public