FORM PTO-1595 (Modified)

RECORDATION

02-04-2000

DEPARTMENT OF COMMERCE Patent and Trademark Office

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	101258143 Please record the attached original documents or copy thereof.	
Name of conveying party(ies):	Name and address of receiving party(ies):	
David B. Jeppson OPR/FINANCE Kenji Oki	Name: Quantum Corporation	
	Address: Patent Department	
Additional names(s) of conveying party(ies)	500 McCarthy Boulevard	
3. Nature of conveyance:		
☐ Security Agreement ☐ Change of Name	City: Milpitas State/Prov.: CA	
☐ Other	Country: USA ZIP: 95035	
Execution Date: 12/7/99, 12/7/99	Additional name(s) & address(es) ☐ Yes ☒ No	
4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is:		
Patent Application No. Filing date	B. Patent No.(s)	
09/406,247 9/24/99		
5. Name and address of party to whom correspondence concerning document should be mailed:	☐ Yes ☒ No 6. Total number of applications and patents involved: 1	
Name: Henry J. Groth	7. 7.1.1((07.050.0.14)	
	7. Total fee (37 CFR 3.41):\$ 40.00	
Registration No. 39,696 Address: Quantum Corporation	☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account	
Patent Department	Authorized to be charged to deposit account	
500 McCarthy Boulevard	8. Deposit account number:	
City: Milpitas State/Prov.: CA		
Country: USA ZIP: 95035	50-0283	
DO NOT USE THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is true copy of the original document. Henry J. Groth, Reg. No. 39,696 Name of Person Signing Do NOT USE THIS SPACE Self-Self-Self-Self-Self-Self-Self-Self-		
i name of Person Signing	olynature Date 3 🛎	

Total number of pages including cover sheet, attachments, and

REEL: 010517 FRAME: 0555

PATENT ASSIGNMENT

WHEREAS We, Richard M. Ehrlich a citizen of the United States of America, residing at 12092 Marilla Drive, Saratoga, CA 95070, Jong Lin a citizen of the United States of America, residing at 7950 Cranberry Circle, Cupertino, CA 95014. David B. Jeppson a citizen of the United States of America, residing at 4275 Stanford Way, Livermore, CA and Kenji Oki a citizen of Japan, residing at 1-1-10 Konandai Sukumo - City Koichi-Ken Japan have invented improvements for a certain new and useful "HARD DISK DRIVE HAVING SELF-WRITTEN SERVO BURST PATTERNS", 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 ; 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, Richard M. Ehrlich, Jong Lin, David B. Jeppson and Kenji Oki 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. Q99-1031-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 OUANTUM 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.

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PATENT REEL: 010517 FRAME: 0556

Richard M. Ehrlich
Date:
State of California
County of Santa Clara
On before me,, the undersigned Notary Public, personally appeared Richard M. Ehrlich being personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. Witness my hand and seal.
Notary Public

Docket No. Q99-1031-US1

Jong Lin		
Date:		
State of California		
County of Santa Clara		
me or proved to me on the basis of s is subscribed to the within instrument the same in his/her authorized capac	me,, the ly appeared Jong Lin being personally known to satisfactory evidence to be the person whose name, and acknowledged to me that he/she executed ity, and that by his/her signature on the instrumt of which the person acted, executed the eal.	me d
	Notary Public	

Docket No. Q99-1031-US1

Docket No. Q99-1031-US1

David B. Jeppson

Date:

State of California

County of Santa Clara

On 1979 before me, Wall Webster, the undersigned Notary Public, personally appeared David B. Jeppson being personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. Witness my hand and seal.

CHARLOTTE WEBSTER
Commission # 1115294
Notary Public - California
Santa Clara County
My Comm. Expires Nov 3, 2000

Charlotte webseth Notary Public

Docket No.	Q99-1031-US1

Kenji Oki Date:

PATENT ASSIGNMENT

WHEREAS We, Richard M. Ehrlich a citizen of the United States of America, residing at 12092 Marilla Drive, Saratoga, CA 95070, Jong Lin a citizen of the United States of America, residing at 7950 Cranberry Circle, Cupertino, CA 95014, David B. Jeppson a citizen of the United States of America, residing at 4275 Stanford Way, Livermore, CA and Kenji Oki Kenji Oki a citizen of Japan, residing at 1-1-10 Konandai Sukumo - City Koichi-Ken Japan have invented improvements for a certain new and useful "HARD DISK DRIVE HAVING SELF-WRITTEN SERVO BURST PATTERNS", 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 ______; 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, richard M. Ehrlich, Jong Lin, David B. Jeppson and Kenji Oki 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. Q99-1031-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

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PATENT REEL: 010517 FRAME: 0561 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.

Kenji Oki
Kenji Oki
Date: Dec 7 1999

RECORDED: 12/21/1999

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