A/- 06-0	Ó	Docke	Docket No.: Q00-1040-US1	
FORM PTO-15 56 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar P08A/REV02	01-20-20		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
Tab settings → → → ▼ To the Honorable Commissioner of P	10124601	12 Je attached	original documents or copy thereof.	
1. Name of conveying party(ies): Lih-Jyh Weng Dana E. Hall	101210	2. Name and address of r Name: Quantum Corp Address: 500 McCarth	oration	
Additional names(s) of conveying party(ies)	🗌 Yes 🛛 No			
3. Nature of conveyance:				
🛛 Assignment	Merger			
Security Agreement	Change of Name	City: Milpitas	State/Prov.: CA	
□ Other		Country: USA	ZIP: 95035	
Execution Date: 12/16/99		Additional name(s) & address(es) 🗆 Yes 🛛 No	
	Additional numbers	Yes 🛛 No	479312	
5. Name and address of party to whom concerning document should be mailed		6. Total number of applica	ations and patents involved: 1	
Name: Henry J. Groth Registration No. 39,696 Address: Quantum Corporation, Patent Department 500 McCorthy, Poulowerd		 7. Total fee (37 CFR 3.41):\$ 40.00 2. Enclosed - Any excess or insufficiency should be credited or debited to deposit account 2. Authorized to be charged to deposit account 		
				500 McCarthy Boulevard City: Milpitas State/Prov.: CA Country: USA ZIP: 95035
01/19/2000 DNGUYEN 00000359 500283 0947931	2 DO NOT L	ISE THIS SPACE		
 1 FC:581 40.00 CH 9. Statement and signature. To the best of my knowledge and belie of the original document. Henry J. Groth Name of Person Signing 	Ronw	y A Low Signature	any attached copy is a true copy 1/6/00 Date	
LTotal	number of pages including c	over sheet, attachments, and	PATENT	

REEL: 010490 FRAME: 0417

PATENT ASSIGNMENT

WHEREAS We, LIH-JYH WENG, a citizen of the United States of America, residing at 95 Brookdale Circle, Shrewsbury, MA 01545, and DANA E. HALL, a citizen of United States of America, residing at 62 Teresa Road, Hopkinton, MA 01748 have invented improvements for a certain new and useful "BI-DIRECTIONAL DECODABLE REED-SOLOMON CODES", 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 $\frac{12}{16}$; 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, LIH-JYH WENG, and DANA E. HALL 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. Q00-1040-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.

Docket No. Q00-1040-US1

hery LIH-IYH WENG

Date: Dec. 16, 1999

State of Massachusetts

County of Worcester

On <u>la/l699</u> before me, <u>Mayorua</u>, the undersigned Notary Public, personally appeared LIH-JYH WENG 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.

Lotary Public

MARJORIE A. CREAMER Notary Public My Commission Expires March 20, 2003

> PATENT REEL: 010490 FRAME: 0420

Docket No. Q00-1040-US1

E All DANA E. HA Date: 12/16/99

State of Massachusetts

County of Worcester

On <u>12/16</u> before me, <u>Marginica</u>, <u>diament</u>, the undersigned Notary Public, personally appeared DANA E. HALL 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.

learner

MARJORIE A. CREAME Notary Public My Commission Expires March 20 2 000