

01-19-1999

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12-23-98



To the Honorable commissioner of Patents and Trademarks
Please record the attached original

100944994

1. Name of conveying party(ies): Lih-Jyh Weng,
Ba-Zhong Shen, Shih Mo, Chung-Hsing Chang

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

Name: Quantum Corporation

Street Address: 500 McCarthy Boulevard

City: Milpitas

State: CA

Zip: 95035

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

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

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other

Execution Date: December 9, 1998 and
December 14, 1998

4. Application number(s) or patent number(s): N/A

If this document is being filed together with a new application, the execution date of the application is: December 9, 1998 and December 14, 1998

A. Patent Application No.(s)

01/13/1999 TRADE1 00000018 09219472

02 FC:581

40.00 DP

B. Patent No. (s)

Additional numbers attached? _____ Yes No

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

Name: Patricia A. Sheehan, Esq.
Cesari and McKenna, LLP

Street Address: 30 Rowes Wharf

City: Boston State: MA Zip: 02110

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 no. 03-1237 (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 foregoing information is true and correct and any attached copy is a true copy of the original document.

Patricia A. Sheehan (Reg. No. 32,301)

Signature

December 23, 1998

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12/23/98

ASSIGNMENT

Whereas We, Lih-Jyh Weng, who reside at 95 Brookdale Circle, Shrewsbury, MA 01545, Ba-Zhong Shen, who reside at 50 Commons Drive, #211, Shrewsbury, MA 01545, Shih Mo, who reside at 548 Wool Drive, Milpitas, CA 95035, and Chung-Hsing Chang, who reside at 3254 Cropley Avenue, San Jose, CA 95132, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled IMPROVED COMBINED SYSTEM FOR PRODUCING ERROR CORRECTION CODE SYMBOLS AND ERROR SYDNDROMES, identified by Cesari and McKenna File No. 101058-0039, which application was executed by us on December 9, 1998; and

Whereas Quantum Corporation, whose address is 500 McCarthy Blvd., Milpitas, CA 95035, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer, and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and

12/9/98

Date



Ba-Zhong Shen, Inventor

Commonwealth of Massachusetts)

)ss.

County of Worcester)

MARJORIE A. CREAMER

Notary Public

My Commission Expires March 20, 2003

On this 9 day of December, 1998, before me appeared Ba-Zhong Shen, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Marjorie Creamer
Notary Public

[seal]

Date

Shih Mo, Inventor

State of California)

)ss.

County of _____)

On this _____ day of _____, 1998, before me appeared Shih Mo, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public

[seal]

Date Ba-Zhong Shen, Inventor

Commonwealth of Massachusetts)
)ss.
County of _____)

On this _____ day of _____, 1998, before me appeared Ba-Zhong Shen, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public

[seal]

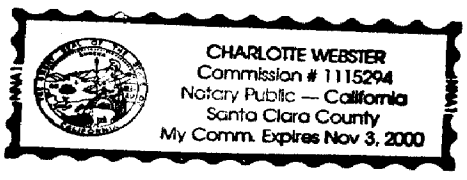
12/14/98
Date Shih Mo
Shih Mo, Inventor

State of California)
)ss.
County of Santa Clara)

On this 14th day of December, 1998, before me appeared Shih Mo, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Charlotte Webster
Notary Public

[seal]

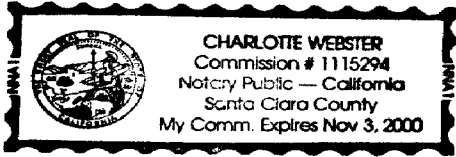


12/14/98
Date

Chung-Hsing Chang
Chung-Hsing Chang, Inventor

State of California)
County of Santa Clara)ss.

On this 14th day of December, 1998, before me appeared Chung-Hsing Chang, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.



Charlotte Webster
Notary Public

[seal]