



Via Facsimile - (405) 324-3794

September 30, 1997

Mr. Gene E. Milligan  
The American National Standards Institute, NCITS T13 Chairman  
c/o Seagate Technology  
OKM 251  
10323 West Reno (West Dock)  
P.O. Box 12313  
Oklahoma City, OK 73157-2313

RE: Quantum Patent Relating to ATA/ATAPI-4 Project 1153 D

Dear Mr. Milligan:

This is to inform you that Quantum Corporation is complying with the ANSI Patent Policy with respect to any patents relating to Quantum's Ultra DMA/33 Protocol technology covered in ATA/ATAPI-4 Project 1153 D. In particular, Quantum is offering a no-fee license to applicants desiring to implement the standard.

Enclosed, also, please find a Statement of Patent Holder Concerning The Use Of Patented Device Or Design In Conjunction With An American National Standard in relation to Quantum's patent covering the Ultra DMA/33 Protocol, and copies of the assignments covering the invention.

Thank you for your assistance in this matter. If you have any questions regarding this matter please do not hesitate to contact us.

Very truly yours,

Debra A. Chun  
Patent Law Manager  
(408) 894-5161 Phone  
(408) 324-7005 FAX

Enclosure

cc: Mark Evans

**STATEMENT OF PATENT HOLDER CONCERNING THE USE OF  
PATENTED DEVICE OR DESIGN IN CONJUNCTION WITH AN  
AMERICAN NATIONAL STANDARD**

---

**Note:** This form is to be used to record the statement of a patent holder whose patented device or design (pending or approved) may have to be used by a person or organization complying with an American National Standard. This statement is filed and retained pursuant to clause 1.2.11.2 of the *American National Standards Institute Procedures for the Development and Coordination of American National Standards*.

1. Name of Patent Holder: Quantum Corporation

Address: 500 McCarthy Blvd., Milpitas, California 95035

Contact Name and Title: Mark Evans, Systems Engineer

Contact Telephone & Facsimile: (408) 894-4019 Fax (408) 952-3620

Contact Email: mevans@cqntm.com

2. Number and Description of Patent(s) (use extra sheet if necessary):

Patent Number(s): U.S. Patent Application Serial No. 08/555,977 (allowed but unissued)

Description: SYNCHRONOUS DMA BURST TRANSFER PROTOCOL HAVING THE PERIPHERAL  
DEVICE TOGGLE THE STROBE SIGNAL SUCH THAT DATA IS LATCHED USING  
BOTH EDGES OF THE STROBE SIGNAL

List Claims Pertinent to Compliance with Standard: 1-22

Date of Expiration:

Pending []      Approved []      (check one)

If Pending, indicate date of application: November 21, 1995

If Patent Holder is a transferee of original claimant, attach a copy of the transfer agreement.

3. Designation and Title of Proposed ANSI Standard: 1153D ATA/ATAPI-4

List sections of standard to which patent claims relate: Clauses 3-6 and 8-10; Annexes A&C

---

4. Statement of Patent Holder:

Please check one of the following statements:

- a) A license shall be made available without compensation to the applicants desiring to utilize the license for the purpose of implementing the standard.
- b) A license will be made available to applicants under reasonable terms and conditions that are demonstrably free of any unfair discrimination.
- c) The patentee does not hold and does not anticipate holding any invention the use of which would be required for compliance with the proposed American National Standard.

Signed: Andrew Kryder  
(Name) Andrew Kryder, General Counsel (Title)

Company: Quantum Corporation

Date: Sept 30, 1997