www.archive.org
415.561.6767
415.840-0391 e-fax

Internet Archive
300 Funston Avenue
San Francisco, CA 94118

AFFIDAVIT OF CHRISTOPHER BUTLER

1. I am the Office Manager at the Internet Archive, located in San Francisco, California. I make this declaration of my own personal knowledge.

2. The Internet Archive is a website that provides access to a digital library of Internet sites and other cultural artifacts in digital form. Like a paper library, we provide free access to researchers, historians, scholars, and the general public. The Internet Archive has partnered with and receives support from various institutions, including the Library of Congress.

3. The Internet Archive has created a service known as the Wayback Machine. The Wayback Machine makes it possible to surf more than 450 billion pages stored in the Internet Archive's web archive. Visitors to the Wayback Machine can search archives by URL (i.e., a website address). If archived records for a URL are available, the visitor will be presented with a list of available dates. The visitor may select one of those dates, and then begin surfing on an archived version of the Web. The links on the archived files, when served by the Wayback Machine, point to other archived files (whether HTML pages or images). If a visitor clicks on a link on an archived page, the Wayback Machine will serve the archived file with the closest available date to the page upon which the link appeared and was clicked.

4. The archived data made viewable and browseable by the Wayback Machine is compiled using software programs known as crawlers, which surf the Web and automatically store copies of web files, preserving these files as they exist at the point of time of capture.

5. The Internet Archive assigns a URL on its site to the archived files in the format http://web.archive.org/web/[Year in yyyy][Month in mm][Day in dd][Time code in hh:mm:ss]/[Archived URL]. Thus, the Internet Archive URL http://web.archive.org/web/19970126045828/http://www.archive.org/ would be the URL for the record of the Internet Archive home page HTML file (http://www.archive.org/) archived on January 26, 1997 at 4:58 a.m. and 28 seconds (1997/01/26 at 04:58:28). A web browser may be set such that a printout from it will display the URL of a web page in the printout's footer. The date assigned by the Internet Archive applies to the HTML file but not to image files linked therein. Thus images that appear on a page may not have been archived on the same date as the HTML file. Likewise, if a website is designed with "frames," the date assigned by the Internet Archive applies to the frameset as a whole, and not the individual pages within each frame.

6. Attached hereto as Exhibit A are true and accurate copies of printouts of screenshots of the Internet Archive's records of the HTML files or PDF files for the URLs and the dates specified in the footer of the printout (HTML) or attached coversheet (PDF).

7. I declare under penalty of perjury that the foregoing is true and correct.

DATE: 1/18/19

Christopher Butler

CALIFORNIA JURAT

See Attached Document.

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Francisco

Subscribed and sworn to (or affirmed) before me on this

_18_ day of _January_, _2019_, by

Christopher Butler,

proved to me on the basis of satisfactory evidence to be the person who appeared before me.

LAUREL KARR
Notary Public - California
San Francisco County
Commission # 2172222
My Comm. Expires Nov 17, 2020

Signature: _____

Exhibit A

Updated 21 January, 2002

Technical Committee T13
AT Attachment

Technical Committee T13 is responsible for all interface standards relating to the popular AT Attachment (ATA) storage interface utilized as the disk drive interface on most personal and mobile computers today.

The charter of Technical Committee T13 is to provide a public forum for the development and enhancement of storage interface standards for high volume personal computers. The work of T13 is open to all materially impacted individuals and organizations.

T13 is a Technical Committee for the National Committee on Information Technology Standards (NCITS). NCITS is accredited by, and operates under rules approved by, the American National Standards Institute (ANSI). These rules are designed to ensure that voluntary standards are developed by the consensus of directly and materially affected interests. NCITS develops Information Processing System standards, while ANSI approves the process under which they are developed and publishes them. The NCITS web site may be accessed at http://www.ncits.org/.

Contents

Membership	**Meetings**	**Projects**	**Reflector**
FTP site	**Project drafts**	**Documents 2002**	**Documents 2001**
Documents 2000	**Documents 1999**	**Documents 1998**	**Documents 1997**
Documents 1996			

T13 Documents are distributed in Adobe Acrobat format. The Acrobat Reader software for many operating systems is available at www.adobe.com

---

Membership

Committee officers

Chairman	Vice Chairman	Secretary
Pete McLean	Dan Colegrove	Mark Evans
Maxtor Corporation	IBM Corporation	Maxtor Corporation
2190 Miller Drive	10624 S. Eastern Ave. Suite A-353	500 McCarthy Boulevard
Longmont, CO 80501	Henderson, NV 89052	Milpitas, CA 95035
Tel: 303 678-2149	Tel: 702 614-6119	Tel: 408-894-5310
Fax: 303 682-4811	Fax: 702 614-7955	Fax:
pete_mclean@maxtor.com	dcolegro@us.ibm.com	mark_evans@maxtor.com
	T13 Web Site Editor	

To become a member

The work of T13 is open to all materially impacted individuals and organizations. To become a member, an individual or organization must attend two of three successive plenary meetings and submit a request for membership to the Chair on organizational letterhead stating the nature of materially affected interests. The individual or organization may then be granted membership at the second meeting.

The Information Technology Industry Council (ITI) is the Secretariat for NCITS. ITI charges a fee for membership to cover the NCITS Secretariat's operating costs. The membership classes and their Service Fees are currently:

Principal - Service Fee $800 per year.

Observer - Service Fee $800 per year.

T13 publishes mailings after each plenary meeting. Fees for CD-ROM mailings are $300 per year for those within the USA and Canada and $400 for those outside the USA and Canada.

Membership fees and mailings are administered by NCITS Secretariat, 1250 Eye Street, NW Suite 200, Washington, DC 20005. Phone: 202 737-8888, Fax: 202 638-4922, Email: NCITS@ITIC.ORG.

Return to Contents

Meetings

The meetings are open to all attendees. Two types of meetings may be held. Plenary meetings at which all

The current meeting schedule is:

- **February 19-21, 2002 - Plenary and working group -Placerville, CA - hosted by Adaptec, Incorporated**
- **April 23-25, 2002 - Plenary and working group - Austin, TX - hosted by Dell Computer Corporation**
- **June 25-27, 2002 - Plenary and working group - Irvine, CA - hosted by Phoenix Technologies Limited**
- **August 20-22, 2002 - Plenary and working group - Redmond, WA - hosted by Microsoft Corporation**
- **October 22-24, 2002 - Plenary and working group - Maui, HA - hosted by Pacific Digital Corporation**
- **December 16-18, 2002 - Plenary and working group - Irvine, CA - hosted by Western Digital Corporation**

Return to Contents

Projects

Five ATA standards have been published. Earlier ATA standards are maintained to support product existing in the field that were manufactured compliant with those standards. It is recommended that the latest standard be utilized for new designs.

0791M AT Attachment Interface for Disk Drives (ATA-1)

Abstract: This standard defines the AT Attachment Interface. This standard defines an integrated bus interface between disk drives and host processors. It provides a common point of attachment for systems manufacturers, systems integrators, and suppliers of intelligent peripherals.

AT Attachment Interface for Disk Drives (ATA-1) was withdrawn as a standard on 6 August 1999. For historical purposes the last committee draft of the standard is maintained as AT Attachment Interface for Disk Drives, X3T9.2/791Dr4c.

0948D AT Attachment Interface with Extensions (ATA-2)

Abstract: This standard defines an integrated interface between devices and host processors. It provides a common point of attachment for systems manufacturers, systems integrators, and suppliers of intelligent devices.

AT Attachment Interface with Extensions (ATA-2) was withdrawn as a standard in 2001. For historical purposes the last committee draft of the standard is maintained as AT Attachment Interface with Extensions, X3T9.2/948Dr4c

2008D AT Attachment - 3 Interface (ATA-3)

Abstract: This standard defines an integrated interface between devices and host processors. It provides a common point of attachment for systems manufacturers, systems integrators, and suppliers of intelligent devices. This standard maintains a high degree of compatibility with the AT Attachment Interface with Extensions standard (ATA-2), X3.279-1996, and while providing additional functions, is not intended to require changes to presently installed devices or existing software.

AT Attachment - 3 Interface is a completed project maintained by T13. It has been published as ANSI X3.298-1997 AT Attachment - 3 Interface. Copies may be purchased from ANSI , 11 West 42nd Street, New York, NY 10036, Tel: 212 642-4900, or Global Engineering Documents, 15 Inverness Way East, Englewood, CO 80112-5704, Phone: 800 854-7179, outside USA and Canada: 303 792-2181, International Sales Fax: 303 397-2740.

1153D AT Attachment - 4 with Packet Interface Extension (ATA/ATAPI - 4)

Abstract: This standard specifies the AT Attachment Interface between host systems and storage devices. It provides a common attachment interface for systems manufacturers, systems integrators, and suppliers of intelligent storage devices. It includes the Packet Command feature known as the AT Attachment Packet Interface (ATAPI). This standard maintains a high degree of compatibility with the AT Attachment - 3 Interface (ATA-3), X3.298-1996, and earlier definitions of the AT Attachment Packet (ATAPI), and while providing additional functions, is not intended to require changes to presently installed devices or existing software.

AT Attachment - 4 with Packet Interface Extension is a completed project maintained by T13. It has been published as ANSI NCITS 317-1998 AT Attachment - 4 with Packet Interface Extension. Copies may be purchased from ANSI, 11 West 42nd Street, New York, NY 10036, Tel: 212 642-4900, or Global Engineering Documents , 15 Inverness Way East, Englewood, CO 80112-5704, Phone: 800 854-7179, outside USA and Canada: 303 792-2181, International Sales Fax: 303 397-2740.   Erratum has also been published for NCITS 317.

1321D AT Attachment - 5 with Packet Interface (ATA/ATAPI - 5)

Abstract: This standard specifies the AT Attachment Interface between host systems and storage devices. It provides a common attachment interface for systems manufacturers, systems integrators, and suppliers of intelligent storage devices. It includes the Packet Command feature known as the AT Attachment Packet Interface (ATAPI). This standard maintains a high degree of compatibility with the AT Attachment - 4 with Packet Interface Extension (ATA/ATAPI-4), 1153D, and while providing additional functions, is not intended to require changes to presently installed devices or existing software.

AT Attachment - 5 with Packet Interface is a completed project maintained by T13. It has been published as

DOCKET ALARM

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts

Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research

With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips

Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

fastcase®
Smarter legal research.