

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Continuation of U.S. Patent Application  
11/078,778, Filed: 3/11/05

Group No.: Not yet assigned

Applicant: Michael Tasler

Conf. No.: Not yet assigned

Serial No.: Filed Herewith

Examiner: Not yet assigned

Filed: Herewith

For: ANALOG DATA GENERATING  
AND PROCESSING DEVICE  
FOR USE WITH A PERSONAL  
COMPUTER (As Amended  
Herein)

Attorney

Docket No.: 0757/97866

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-0001

Dear Sir:

A continuation patent application is being filed contemporaneously herewith. Please enter this preliminary amendment prior to examination of the continuation application.

Applicant: Michael Tasler  
Application No.: Not yet assigned  
Filed: Herewith  
Date: August 24, 2006  
Page – 2 –

**IN THE TITLE:**

Please amend the title to read as follows:

ANALOG DATA GENERATING AND PROCESSING DEVICE FOR USE WITH A  
PERSONAL COMPUTER.

Applicant: Michael Tasler  
Application No.: Not yet assigned  
Filed: Herewith  
Date: August 24, 2006  
Page – 3 –

**IN THE CLAIMS:**

Please cancel claims 1-16 without prejudice, and add new claims 17-39 as noted hereinafter:

1-16. (cancelled).

17. (new) An analog data generating and processing device (ADGPD), comprising:  
a processor and a memory;

one or more transducers that are operatively coupled to the processor and the memory;

a first set of instructions stored in the memory that can be executed at one or more user selected times, each execution of the first instruction set causing the one or more transducers to generate an analog data set that is representative of one or more analog wave signals that are generated or reflected by a source that is external to and not in substantial proximity to the ADGPD;

an analog to digital converter that is operatively coupled to the one or more transducers, the processor and the memory so that, each time the first instruction set is executed, a digitized analog data set is generated from the analog data set that is generated when the first instruction set is executed;

wherein one or more digitized analog data sets are stored in the data storage location of the memory;

an I/O port that is operatively coupled to the processor and the memory, the I/O port being adapted to receive device identification signals, data identification signals, and data

Applicant: Michael Tasler  
Application No.: Not yet assigned  
Filed: Herewith  
Date: August 24, 2006  
Page – 4 –

transfer signals that are sent from a multi-purpose user interface (MPUI) of a personal computer (PC), the PC periodically sending the device identification signals to its MPUI;

a second set of instructions stored in the memory that are to be executed after the I/O port has received and the processor has processed one or more device identification signals to cause a response signal to be automatically and without user intervention sent to the I/O port to allow a PC to automatically and without user intervention recognize that it can communicate with the ADGPD as if the ADGPD were a commercially available mass storage device even though the ADGPD is not a commercially available mass storage device;

a third set of instructions stored in the memory that are to be executed after the I/O port has received and after the processor has received and processed a data identification signal to cause identification information to be automatically and without user intervention sent through the I/O port to allow a PC to create a visual representation of the data storage location of the memory on a display; and

a fourth set of instructions stored in the memory that are to be executed after the I/O port has received and after the processor has received and processed a data transfer signal to cause user selected ones of the digitized analog data sets to be transferred from the data storage location of the memory through the I/O port by means of a driver that is a component of an operating system of a PC when the operating system is initially installed in the PC.

18. (new) The ADGPD of claim 17, wherein each analog wave signal comprises electromagnetic radiation.

Applicant: Michael Tasler  
Application No.: Not yet assigned  
Filed: Herewith  
Date: August 24, 2006  
Page – 5 –

19. (new) The ADGPD of claim 18, wherein the electromagnetic radiation is representative of an object that is physically separated from and can be located not in substantial proximity to the ADGPD.

20. (new) The ADGPD of claim 19, wherein the electromagnetic radiation is generated by a diagnostic radiological system.

21. (new) The ADGPD of claim 19, wherein the commercially available mass storage device comprises a hard disk drive.

22. (new) The ADGPD of claim 19, wherein receipt and processing of the response signal by a PC allows it to communicate with the ADGPD as if it were a hard disk drive even though it is not a hard disk drive.

23. (new) The ADGPD of claim 19, wherein the I/O port comprises a SCSI interface.

24. (new) The ADGPD of claim 19, wherein the processor comprises a digital signal processor.

25. (new) The ADGPD of claim 19, wherein the identification information comprises at least the number of different digitized analog data sets that are stored in the data storage location.

26. (new) The ADGPD of claim 25, wherein the identification information further comprises a root directory that can be accessed by a PC.

27. (new) The ADGPD of claim 26, wherein the identification information further comprises a configuration file.

28. (new) The ADGPD of claim 19, wherein the I/O port is to be operatively coupled to an MPUI by a wire-based connection.

# 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.