



US 20060174352A1

(19) **United States**

(12) **Patent Application Publication**  
**Thibadeau**

(10) **Pub. No.: US 2006/0174352 A1**

(43) **Pub. Date: Aug. 3, 2006**

(54) **METHOD AND APPARATUS FOR PROVIDING VERSATILE SERVICES ON STORAGE DEVICES**

Continuation-in-part of application No. 09/912,931, filed on Jul. 25, 2001, now Pat. No. 7,036,020.

**Publication Classification**

(75) Inventor: **Robert Harwell Thibadeau**, Pittsburgh, PA (US)

(51) <b>Int. Cl.</b>	
<i>H04L</i>	<i>9/32</i> (2006.01)
<i>G06F</i>	<i>12/14</i> (2006.01)
<i>G06F</i>	<i>17/30</i> (2006.01)
<i>G06F</i>	<i>7/04</i> (2006.01)
<i>G06F</i>	<i>11/30</i> (2006.01)
<i>G06K</i>	<i>9/00</i> (2006.01)
<i>H03M</i>	<i>1/68</i> (2006.01)
<i>H04K</i>	<i>1/00</i> (2006.01)
<i>H04L</i>	<i>9/00</i> (2006.01)
<i>H04N</i>	<i>7/16</i> (2006.01)

Correspondence Address:  
**Robert P. Lenart**  
**Pietragallo, Bosick & Gordon LLP**  
**One Oxford Centre, 38th Floor**  
**301 Grant Street**  
**Pittsburgh, PA 15219 (US)**

(73) Assignee: **Seagate Technology LLC**, Scotts Valley, CA

(52) **U.S. Cl.** ..... **726/27; 713/193**

(21) Appl. No.: **11/343,338**

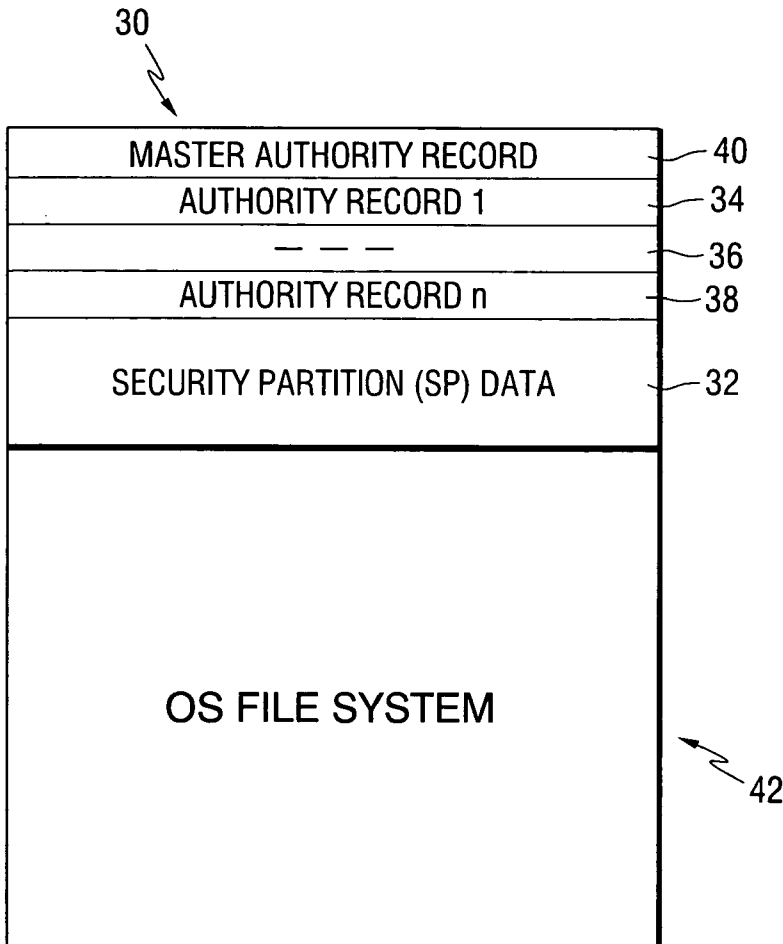
(22) Filed: **Jan. 31, 2006**

(57) **ABSTRACT**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 11/178,908, filed on Jul. 11, 2005.

An apparatus comprises a data storage device including a plurality of virtual smart cards in a plurality of security partitions, and a controller including a card operating system for controlling access to the smart cards.



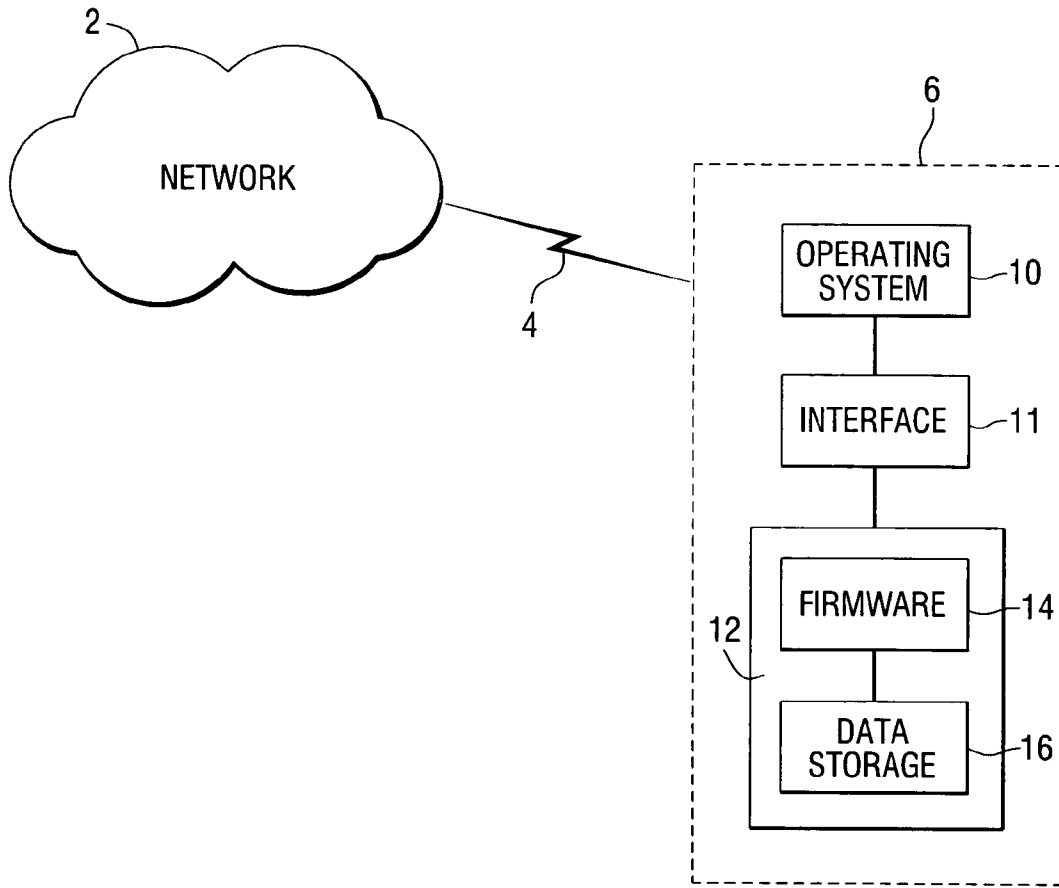


FIG. 1

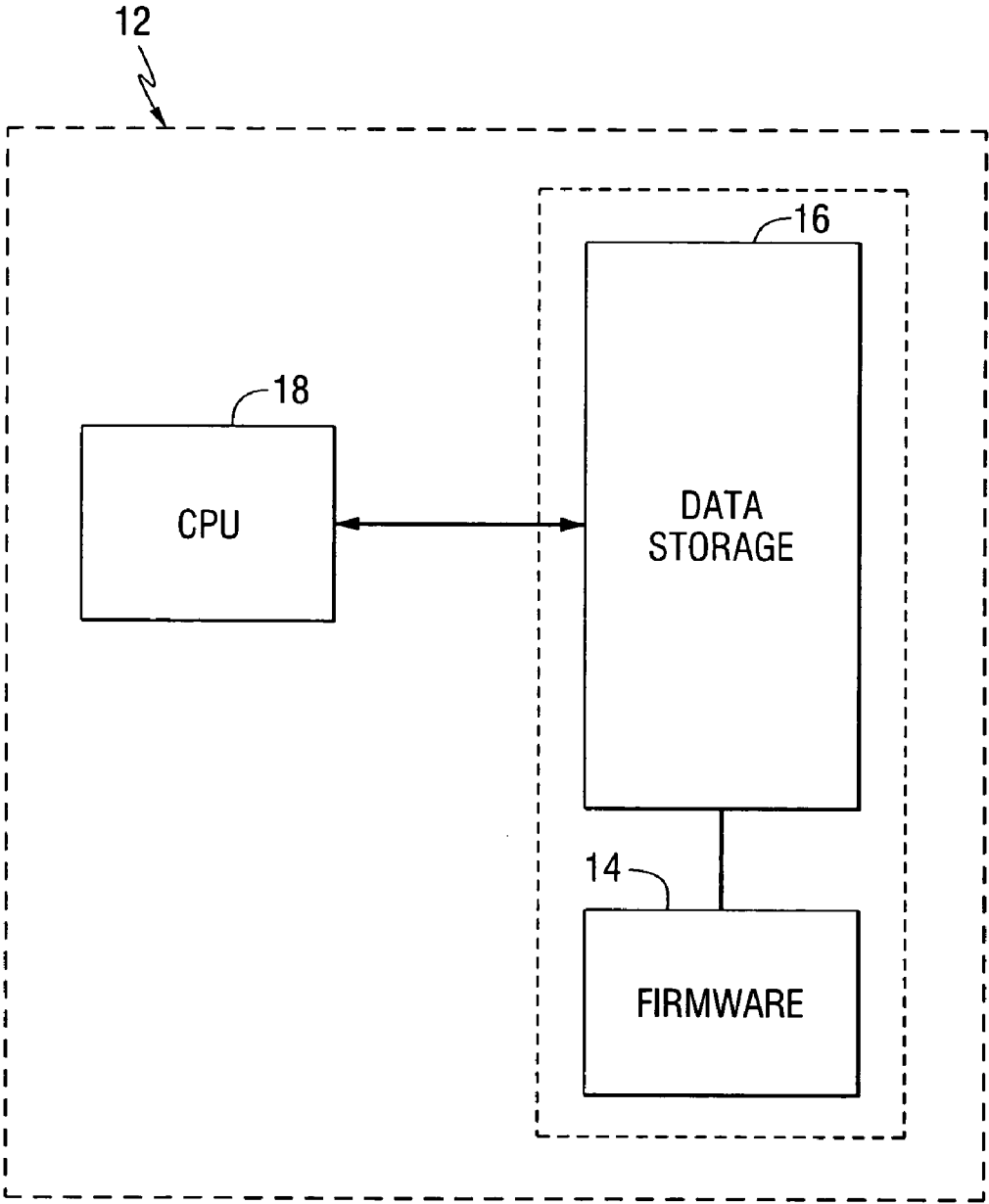
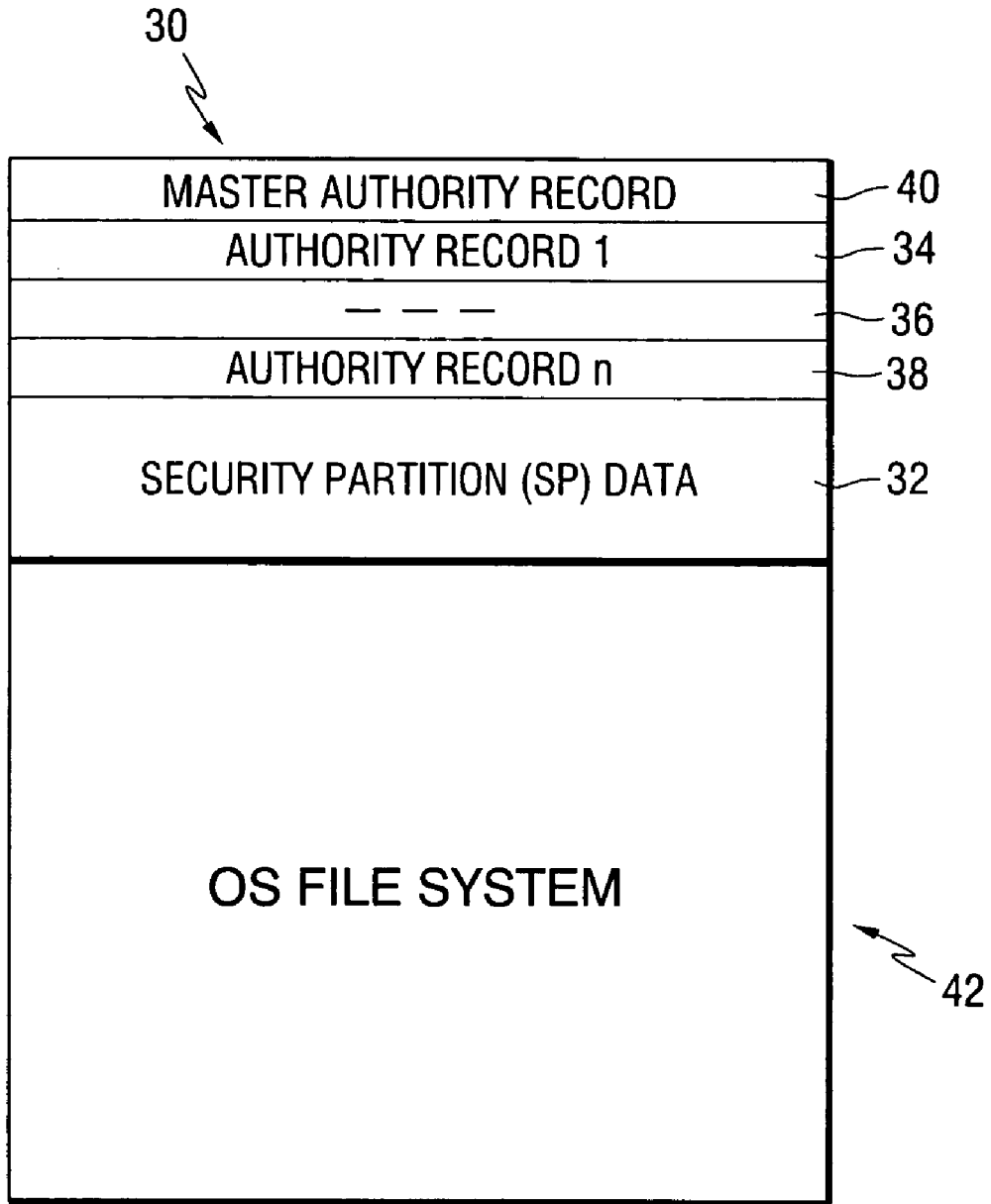


FIG. 2



**FIG. 3**

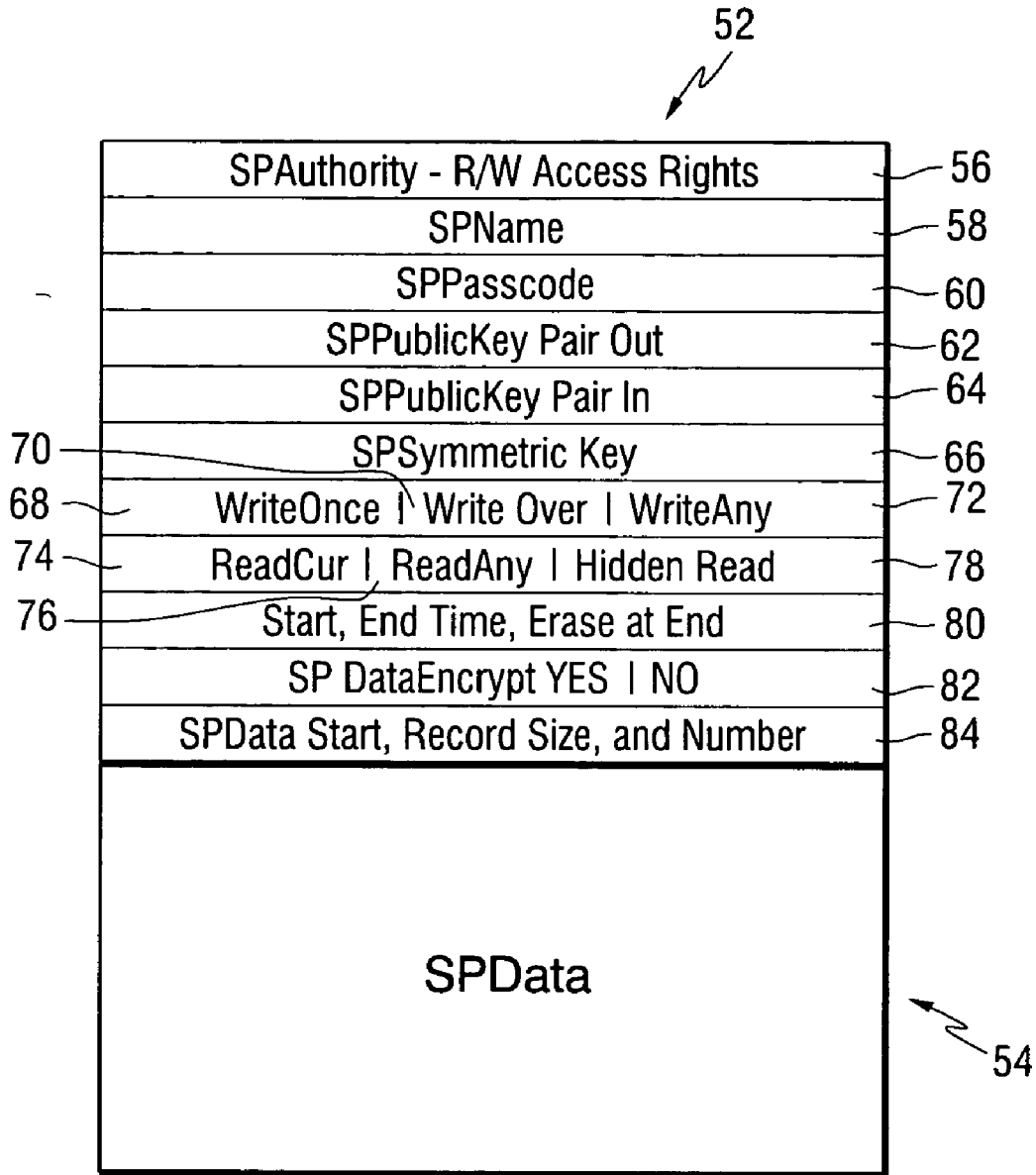


FIG. 4

# 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.