



(19) **United States**

(12) **Patent Application Publication**  
**Zhou et al.**

(10) **Pub. No.: US 2008/0186166 A1**

(43) **Pub. Date: Aug. 7, 2008**

(54) **SYSTEMS AND METHODS FOR MONITORING AND TRACKING**

(76) Inventors: **Peter Y. Zhou**, Riverside, CA (US); **Dexing Pang**, Riverside, CA (US); **Yiu-Cho Alan Tong**, Anaheim, CA (US); **Ning Lin**, Anaheim, CA (US); **David Ralph Addington**, Lake Elsinore, CA (US); **Rowena Lampa Albanna**, Riverside, CA (US); **Amro Albanna**, Riverside, CA (US); **Keith L. Bolton**, Parkland, FL (US)

tion No. 09/820,551, filed on Mar. 29, 2001, now abandoned, which is a continuation of application No. 09/608,913, filed on Jun. 30, 2000, now abandoned.

(60) Provisional application No. 60/243,915, filed on Oct. 27, 2000, provisional application No. 60/250,347, filed on Nov. 30, 2000.

**Publication Classification**

(51) **Int. Cl.**  
**G08B 29/00** (2006.01)  
**H04Q 7/00** (2006.01)  
**H04B 7/185** (2006.01)

(52) **U.S. Cl.** ..... **340/539.13; 340/506; 342/357.07**

(57) **ABSTRACT**

The present invention generally relates to systems, methods and applications utilizing the convergence of any combination of the following three technologies: wireless positioning or localization technology, wireless communications technology and sensor technology. In particular, certain embodiments of the present invention relate to a remote device that includes a sensor for determining or measuring a desired parameter, a receiver for receiving position data from the Global Positioning System (GPS) satellite system, a processor for determining whether or not alert conditions are present and a wireless transceiver for transmitting the measured parameter data and the position data to a central station, such as an application service provider (ASP). The ASP, in turn, may communicate the measured data, position data and notification of any alerts to an end user via an alert device. The present invention also relates to various applications and systems utilizing the capabilities of such a device.

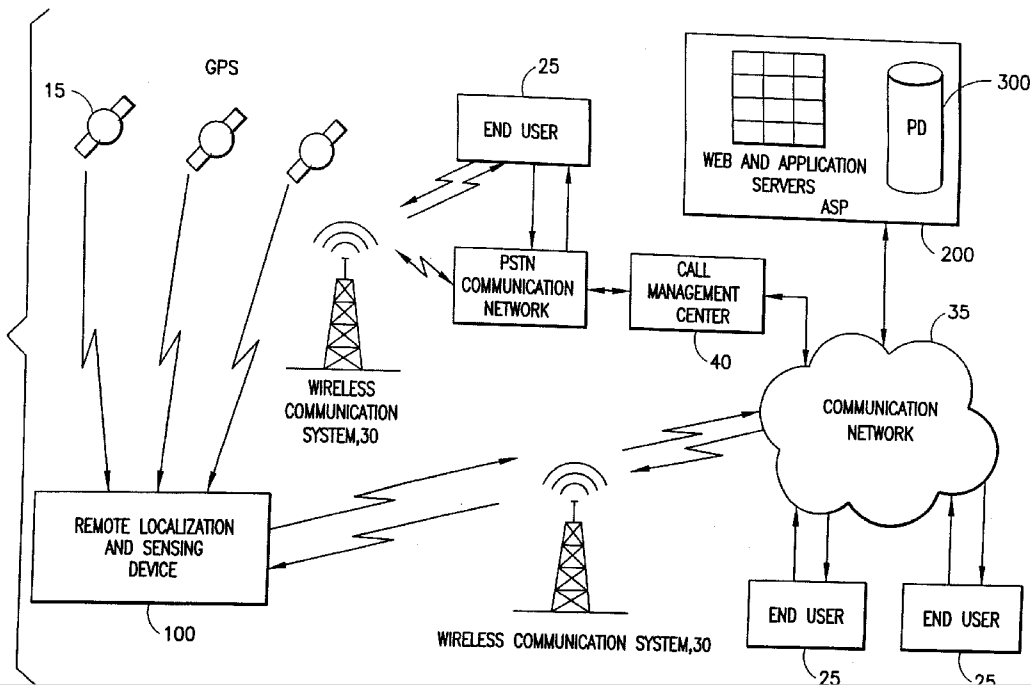
Correspondence Address:  
**STROOCK & STROOCK & LAVAN LLP**  
**180 MAIDEN LANE**  
**NEW YORK, NY 10038**

(21) Appl. No.: **12/019,313**

(22) Filed: **Jan. 24, 2008**

**Related U.S. Application Data**

(63) Continuation of application No. 10/959,421, filed on Oct. 6, 2004, now abandoned, which is a continuation of application No. 10/169,477, filed on Dec. 17, 2002, now Pat. No. 6,847,892, filed as application No. PCT/US01/48539 on Oct. 29, 2001, which is a continuation-in-part of application No. 09/813,477, filed on Mar. 21, 2001, now Pat. No. 6,559,620, which is a continuation of application No. 09/608,095, filed on Jun. 30, 2000, now abandoned, said application No. PCT/US01/48539 is a continuation-in-part of applica-



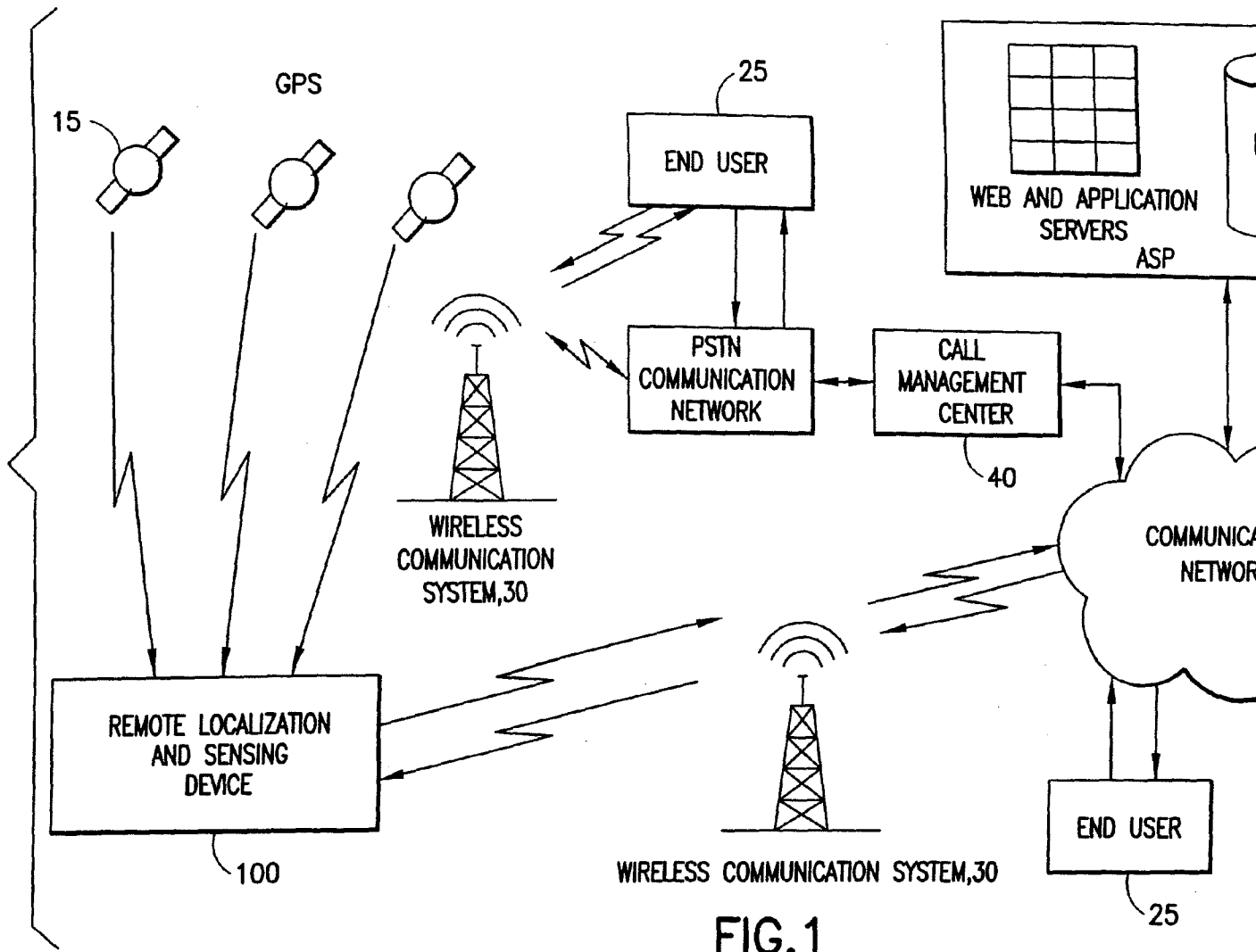


FIG. 1

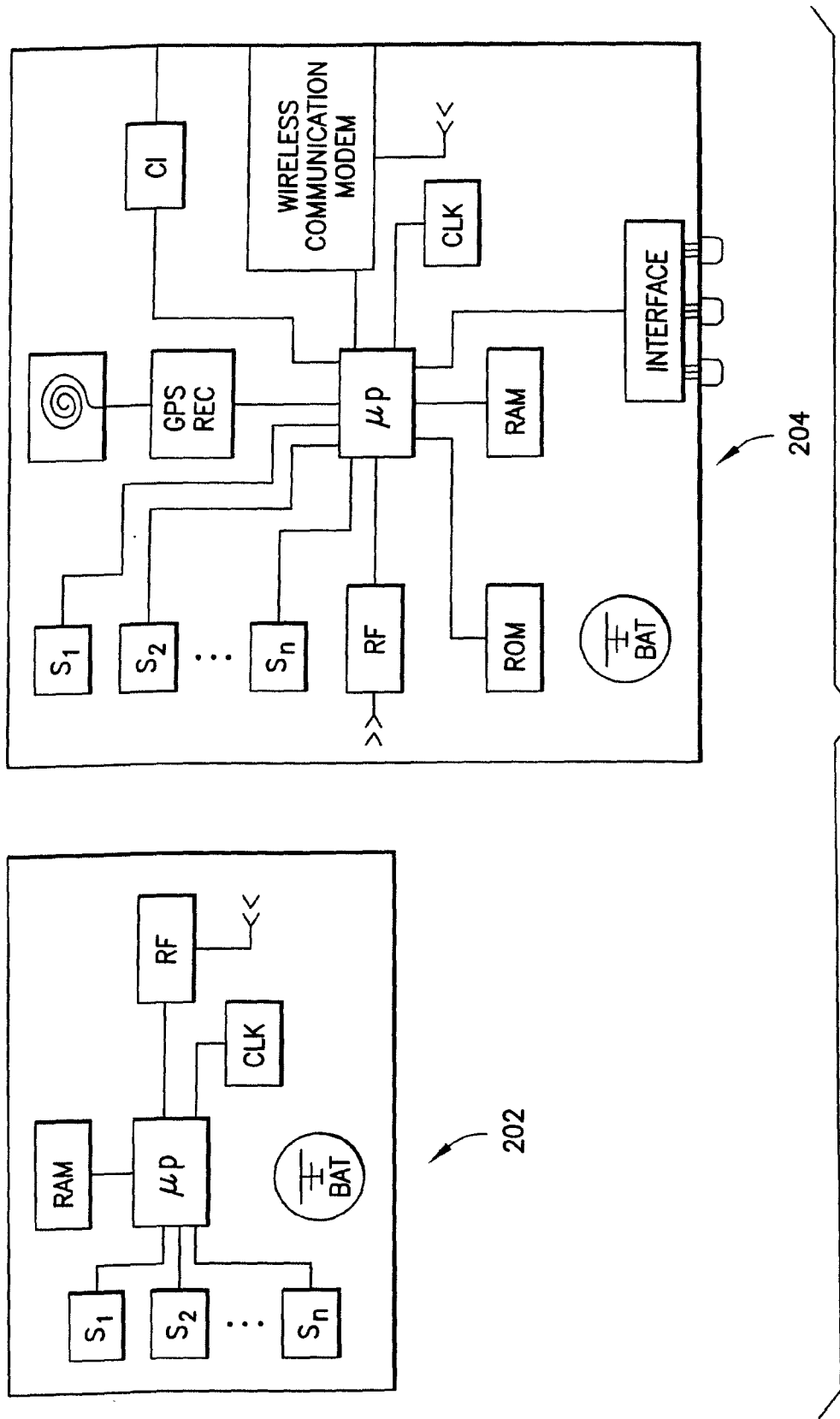


FIG. 2a

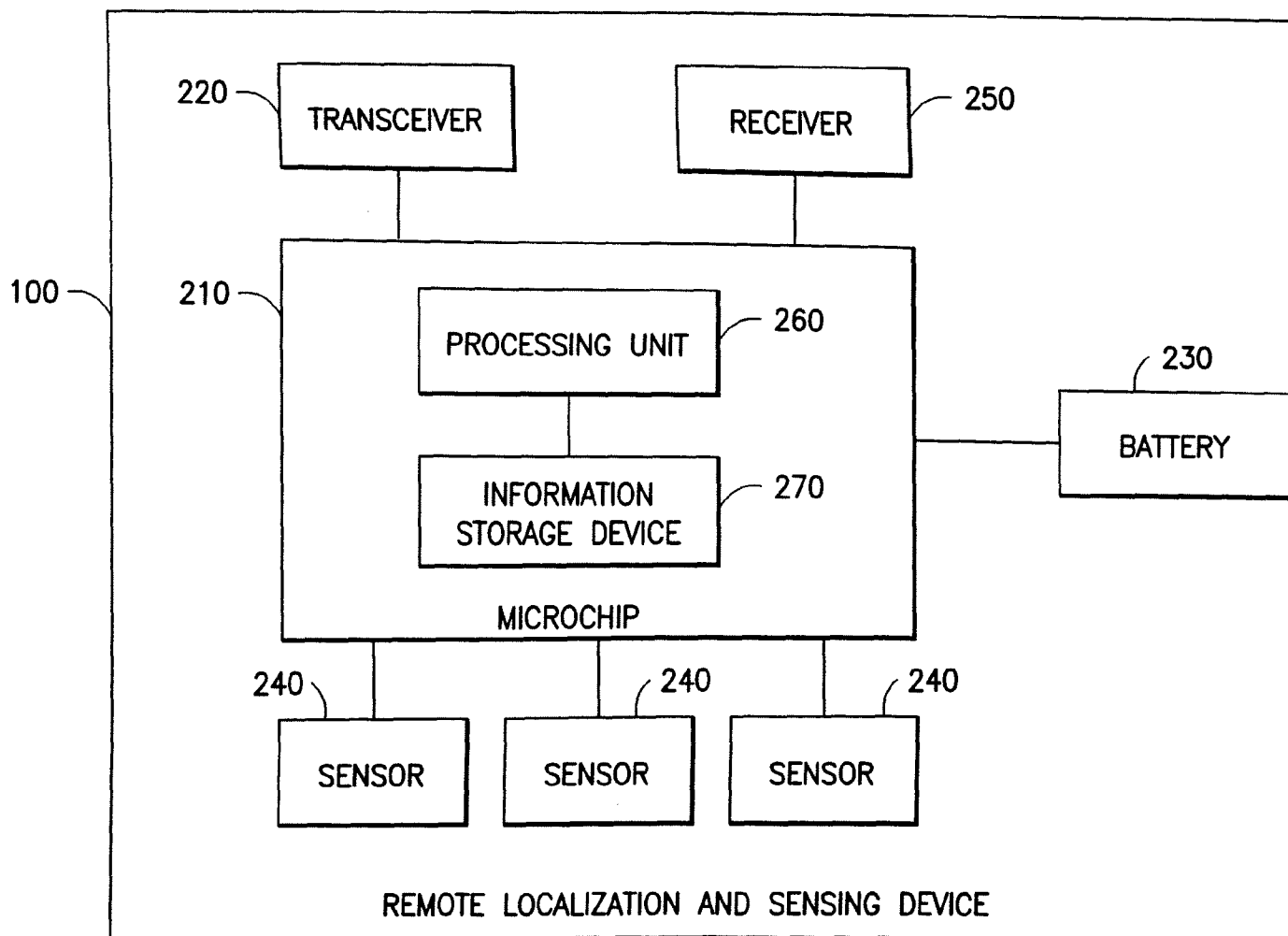


FIG.2b

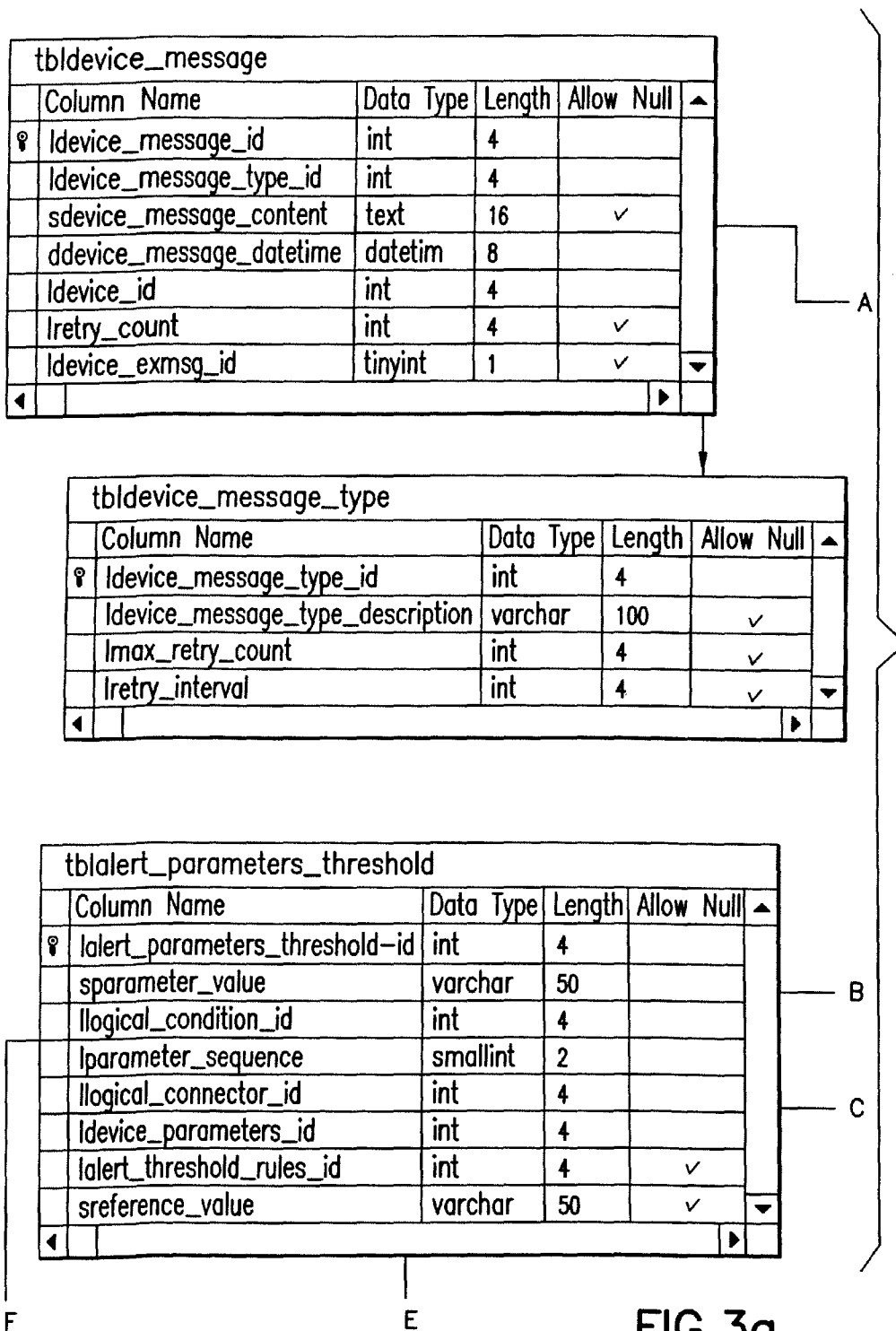


FIG.3a

# 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.