



(12) **United States Patent**
Beyer, Jr. et al.

(10) **Patent No.:** **US 7,630,724 B2**
(45) **Date of Patent:** **Dec. 8, 2009**

(54) **METHOD OF PROVIDING A CELLULAR PHONE/PDA COMMUNICATION SYSTEM**

(75) Inventors: **Malcolm K. Beyer, Jr.**, Jupiter Inlet Colony, FL (US); **Christopher R. Rice**, Monroe, WA (US)

(73) Assignee: **Advanced Ground Information Systems, Inc.**, Jupiter Inlet Colony, FL (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 450 days.

(21) Appl. No.: **11/308,648**

(22) Filed: **Apr. 17, 2006**

(65) **Prior Publication Data**

US 2006/0199612 A1 Sep. 7, 2006

Related U.S. Application Data

(63) Continuation-in-part of application No. 10/711,490, filed on Sep. 21, 2004, now Pat. No. 7,031,728.

(51) **Int. Cl.**
H04W 24/00 (2009.01)

(52) **U.S. Cl.** **455/457**; 455/416; 455/417

(58) **Field of Classification Search** 455/452.3, 455/416, 457

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,204,844 B1* 3/2001 Fumarolo et al. 715/736
6,662,016 B1* 12/2003 Buckham et al. 455/457

6,868,337 B2 3/2005 Muramatsu
2003/0139150 A1 7/2003 Rodriguez et al.
2003/0200259 A1* 10/2003 Tsuge 709/203
2004/0192331 A1* 9/2004 Gorday et al. 455/456.1
2004/0204070 A1* 10/2004 August et al. 455/557
2004/0266456 A1 12/2004 Bostrom et al.
2006/0031927 A1* 2/2006 Mizuno et al. 726/11

* cited by examiner

Primary Examiner—Nick Corsaro

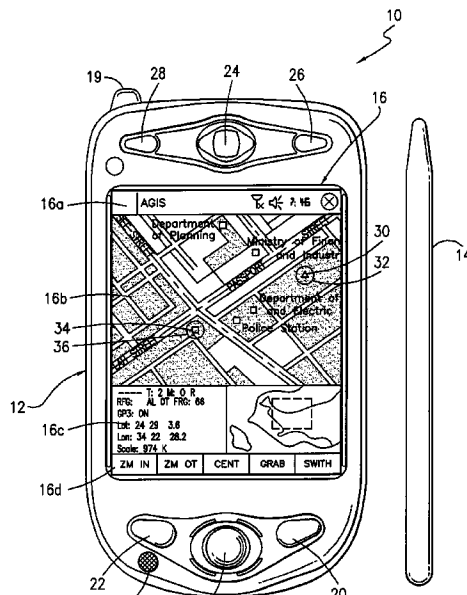
Assistant Examiner—Amanuel Lebassi

(74) *Attorney, Agent, or Firm*—Malin Haley DiMaggio Bowen & Lhota, P.A.

(57) **ABSTRACT**

A cellular, PDA communication device and communication system for allowing a plurality of cellular phone users to monitor each others' locations and status, to initiate cellular phone calls by touching a symbol on the touch screen display with a stylus which can also include point to call conferencing calling. Each participant's cellular phone PDA device includes GPS navigation receiver with application software for point to call cellular phone initiation to participants and geographical entities including vehicles, persons or events, conference calls and video transfers. The method and system also includes automatic shifting from GPRS/EDGE/CDMA/1XEVD0 to SMS when any of the cellular phones in the communication network is in the voice mode and in use and for automatic shifting back to GPRS/EDGE/CDMA/1XEVD0 upon completion of the voice phone call. In addition, using the system, a full transfer of photographs, video clips and high speed data can be used between any cellular phones regardless of who the cellular phone vendors or cellular phone companies are and in either CDMA, GSM, WiFi or a combination of the two.

16 Claims, 6 Drawing Sheets



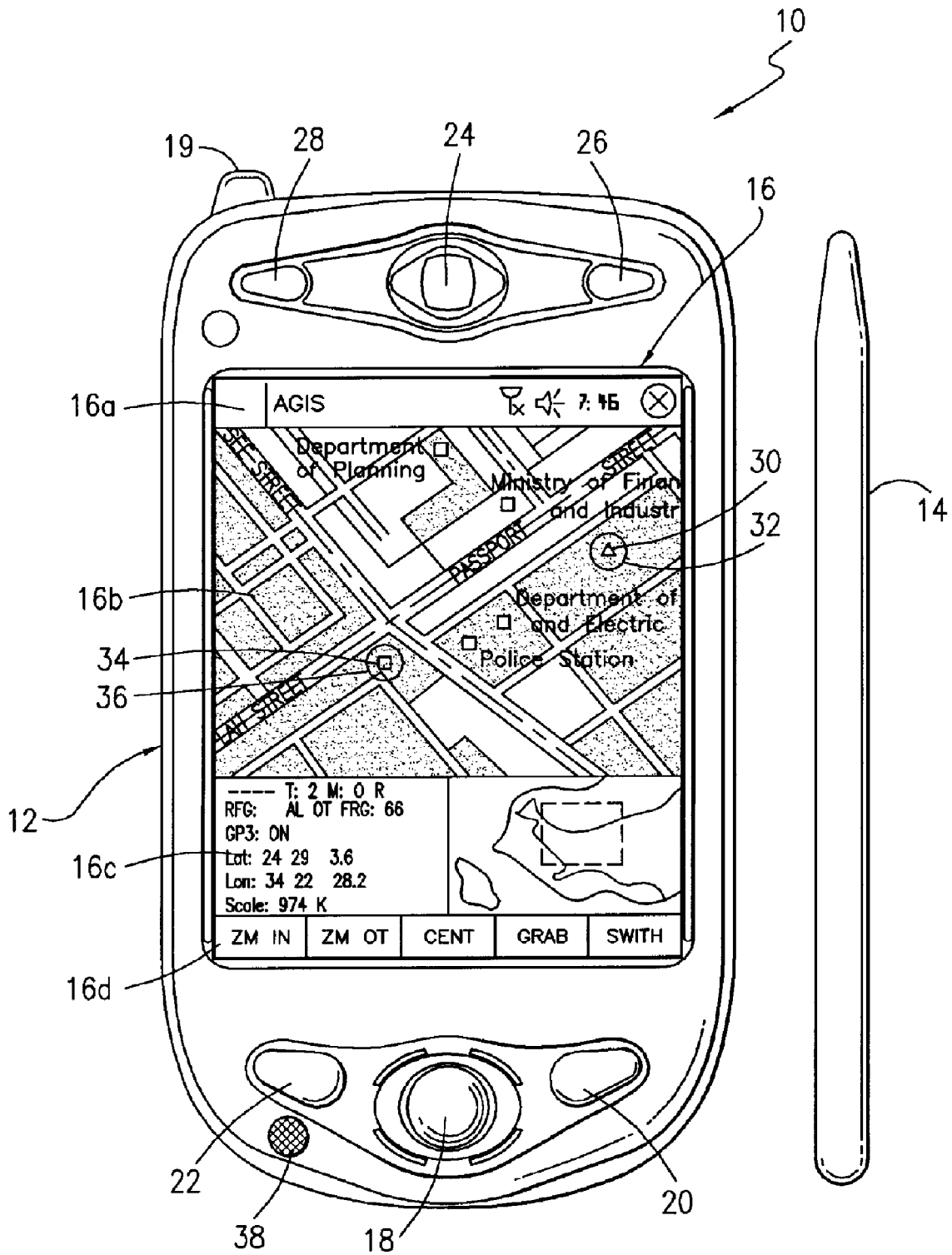


FIG. 1

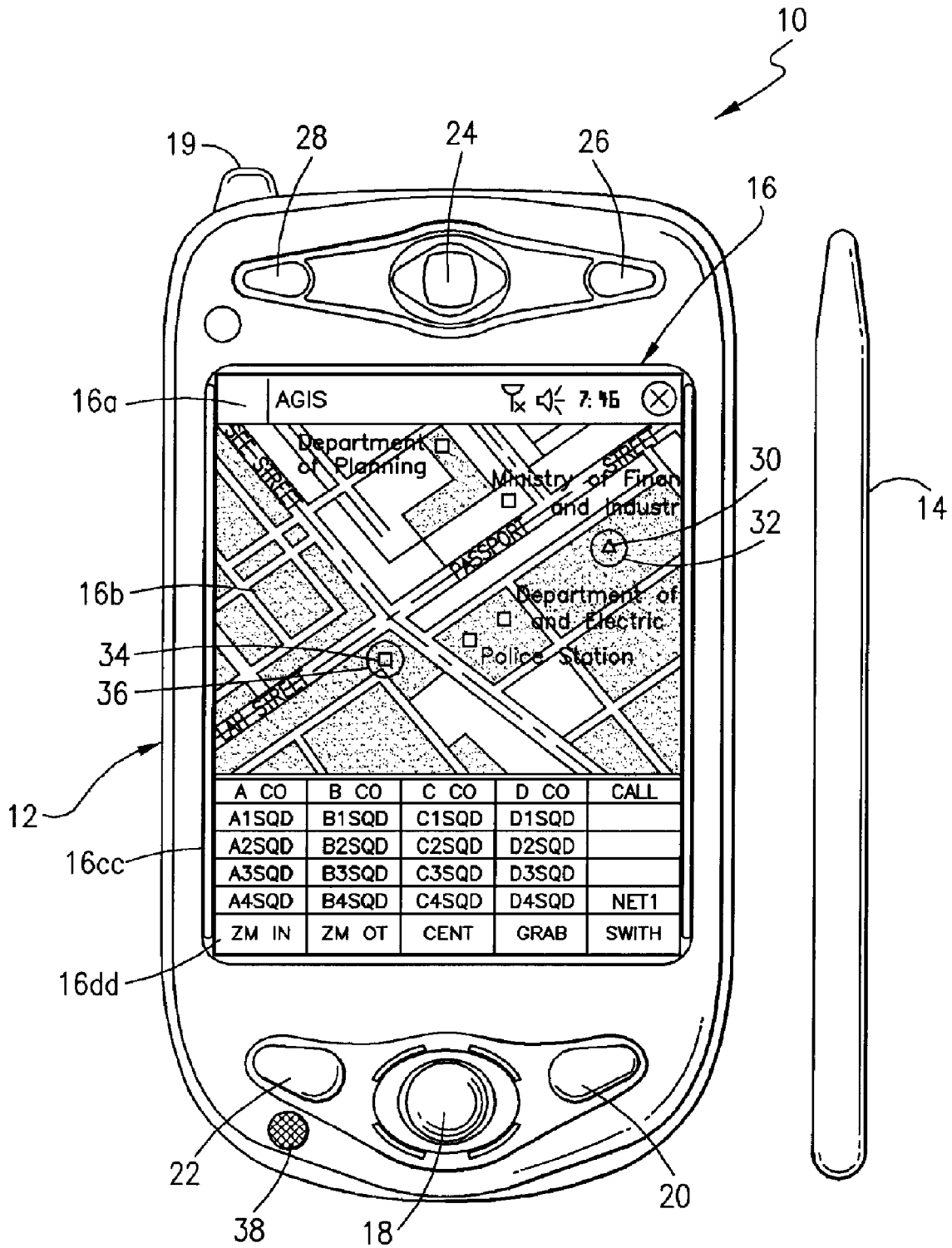
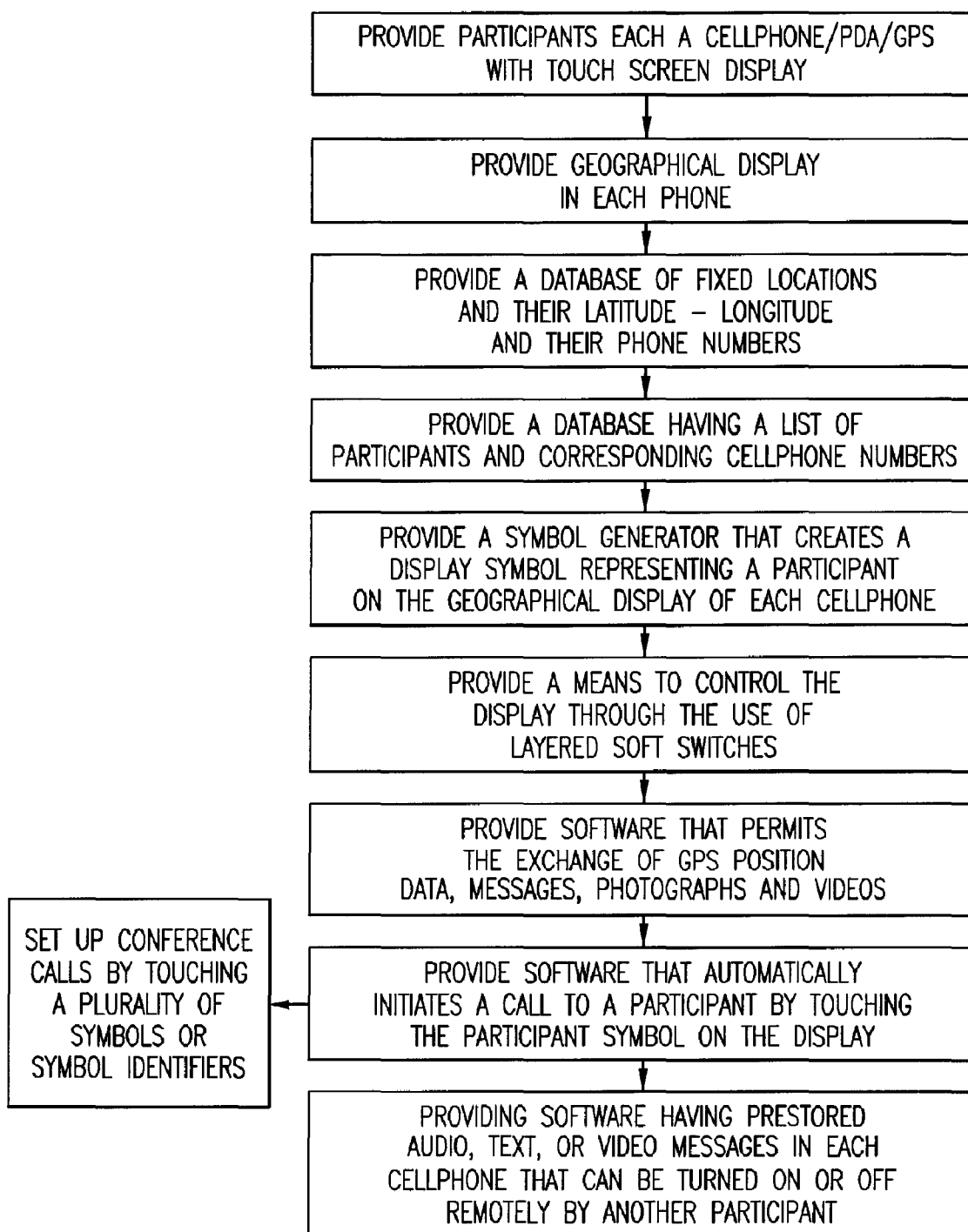


FIG. 2

FIG. 3

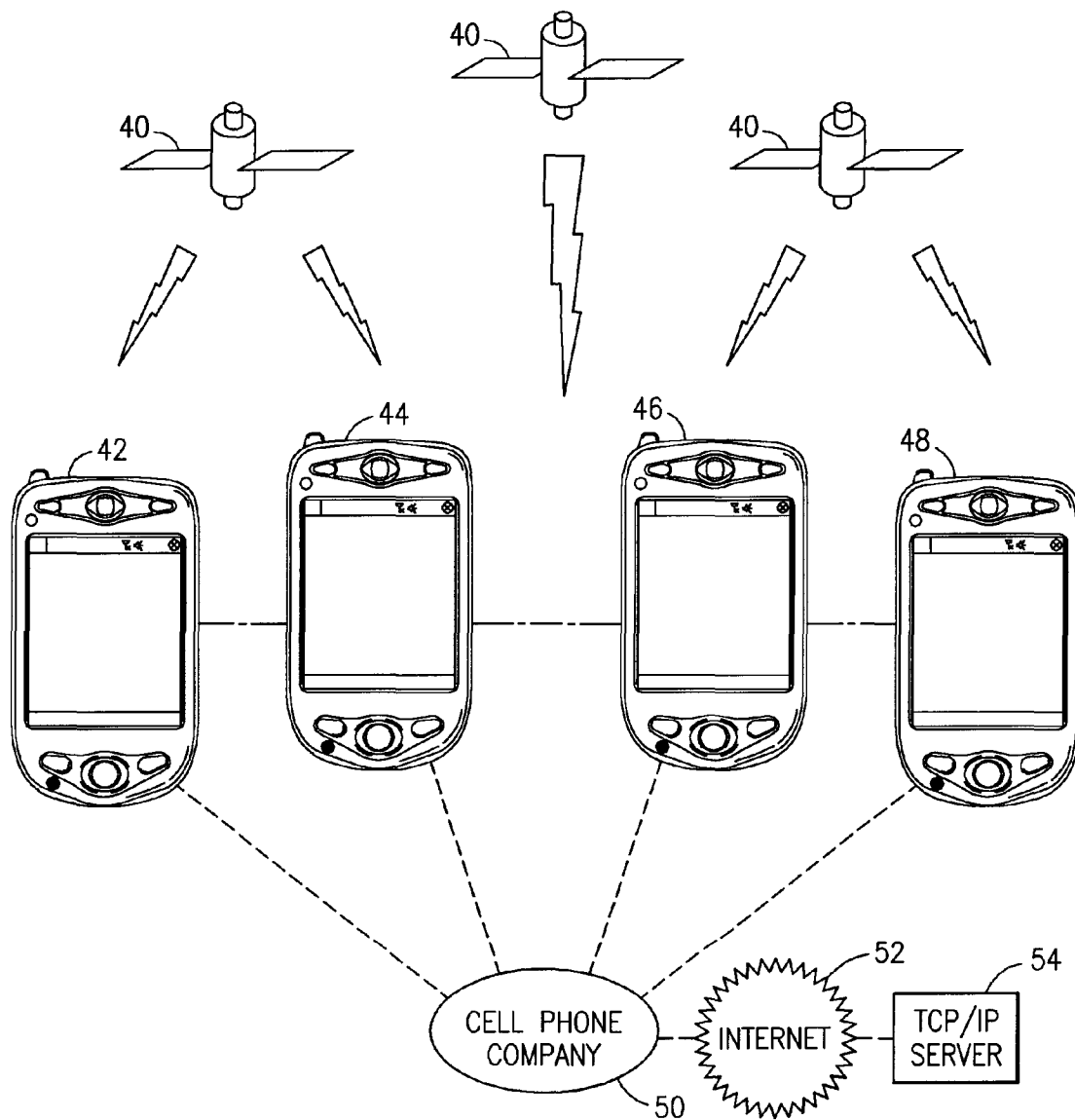


FIG. 4

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.