

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2002/0000576 A1**

Inukai (43) **Pub. Date: Jan. 3, 2002**

(54) **DISPLAY DEVICE**

Publication Classification

(76) Inventor: **Kazutaka Inukai**, Kanagawa (JP)

(51) **Int. Cl.⁷** **H01L 27/10**

(52) **U.S. Cl.** **257/202**

Correspondence Address:

JOHN F. HAYDEN

Fish & Richardson P.C.

601 Thirteenth Street, NW

Washington, DC 20005 (US)

(57) **ABSTRACT**

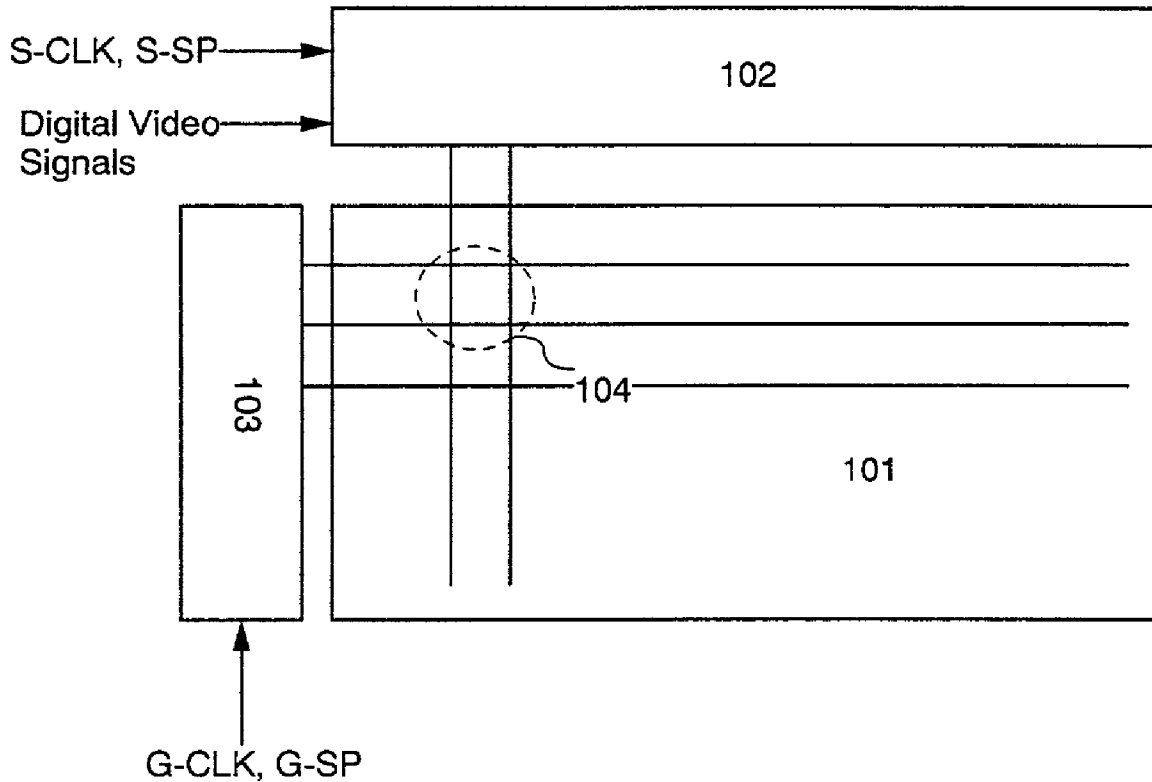
An active matrix display device capable of vivid color display having many tones is provided. The display device is characterized in that each of a plurality of pixels comprises a first TFT for switching, a second TFT for switching, a TFT for erasing, a TFT for EL driving, and an EL element, driving of the TFT for EL driving is controlled by the first TFT for switching, the second TFT for switching, and the TFT for erasing, and light emission by the EL element is controlled by the TFT for EL driving.

(21) Appl. No.: **09/886,148**

(22) Filed: **Jun. 22, 2001**

(30) **Foreign Application Priority Data**

Jun. 22, 2000 (JP) 2000-188518



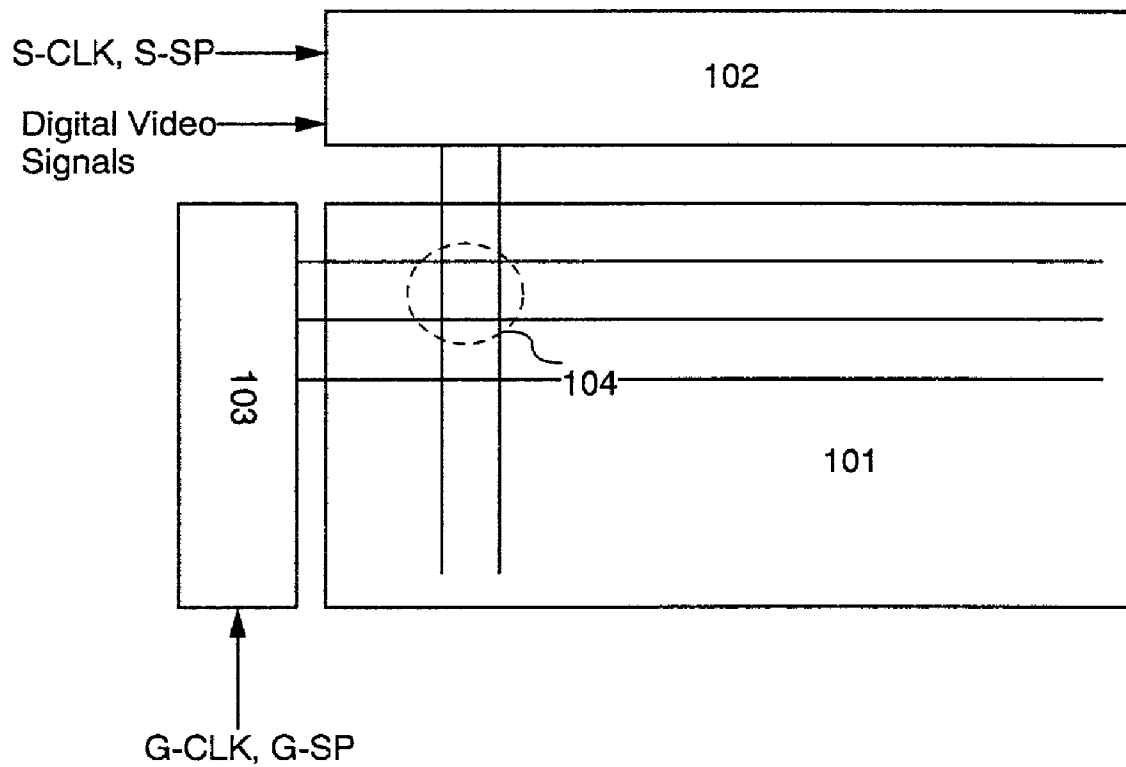


Fig. 1

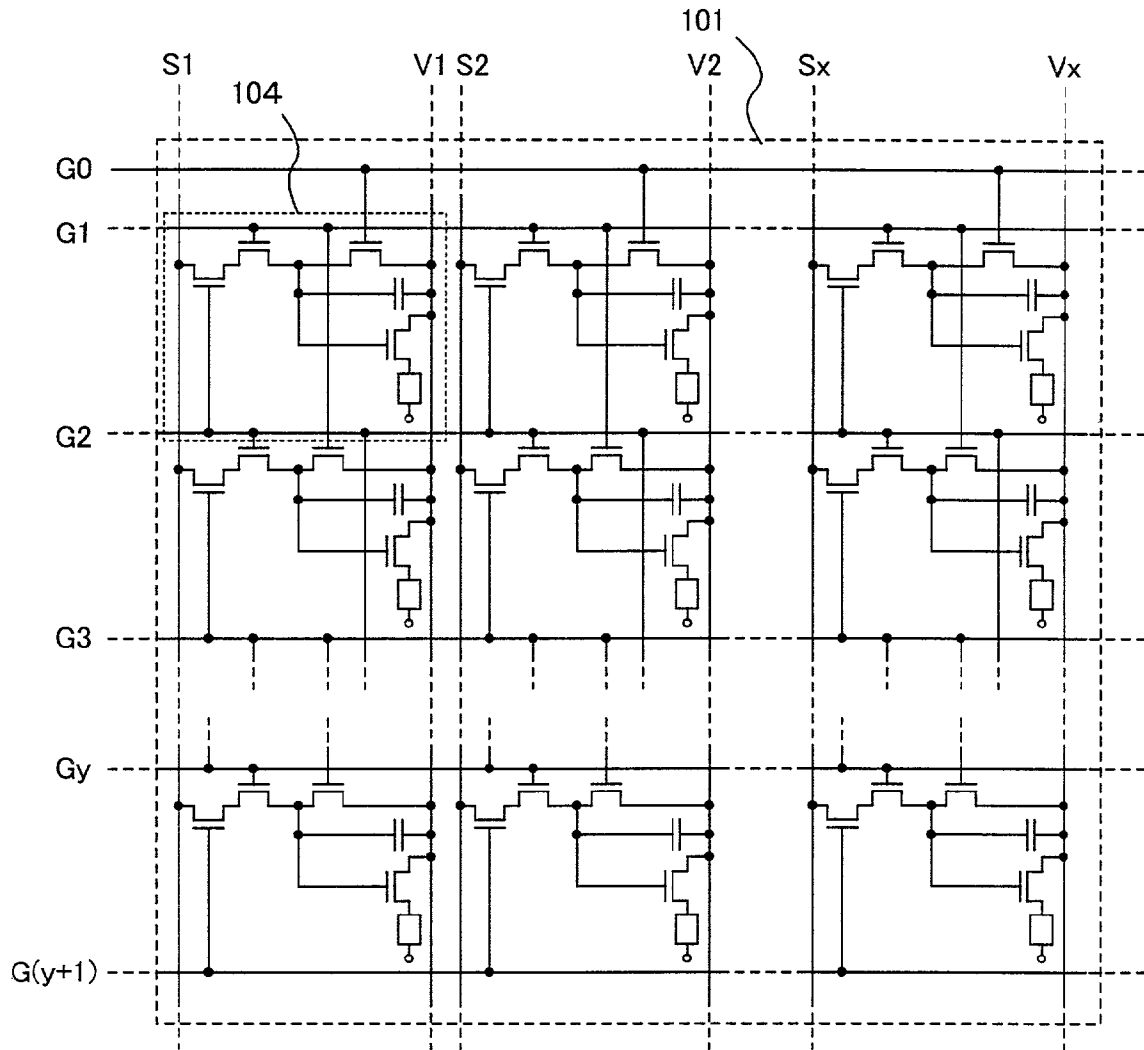


Fig. 2

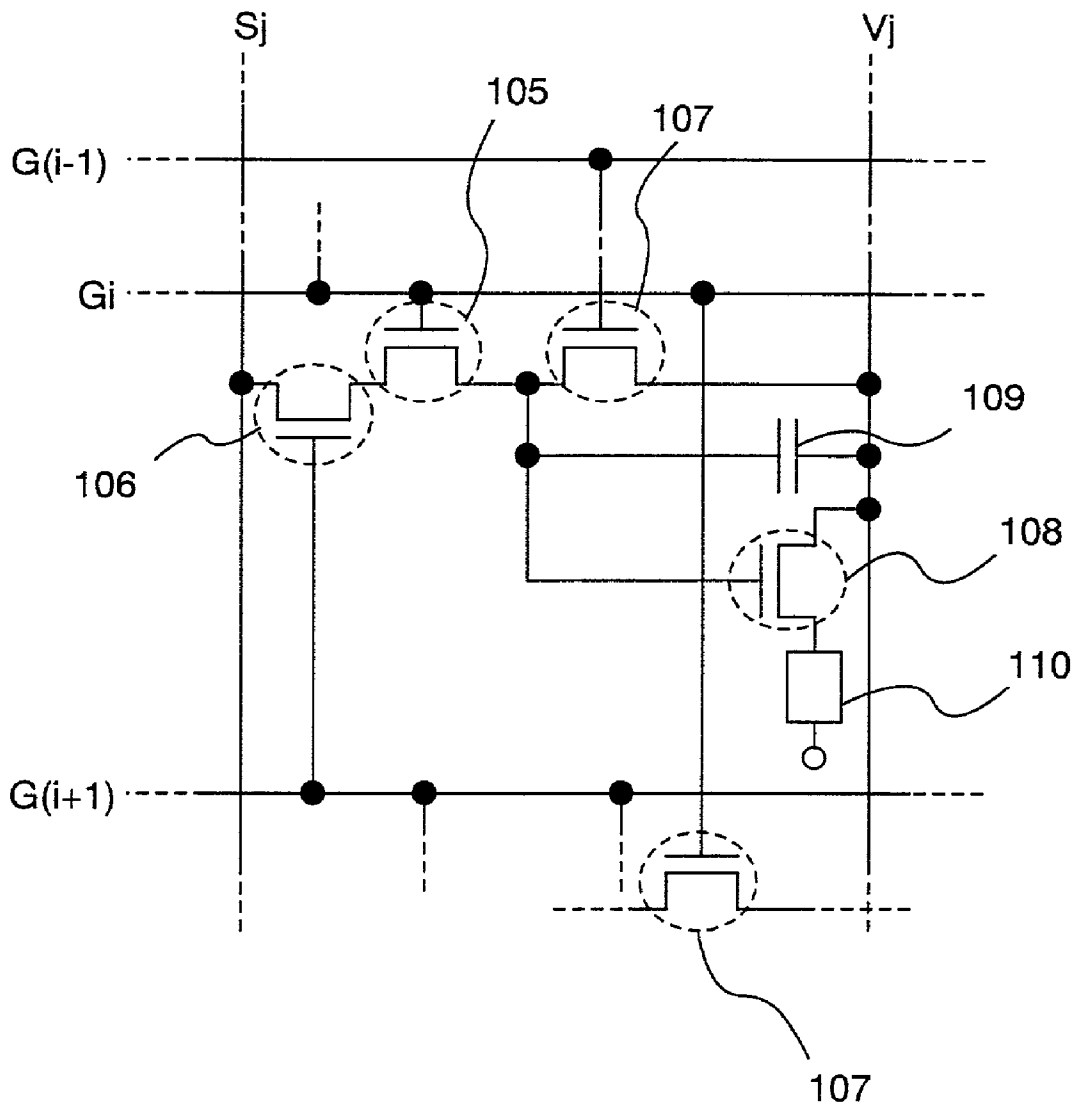


Fig. 3

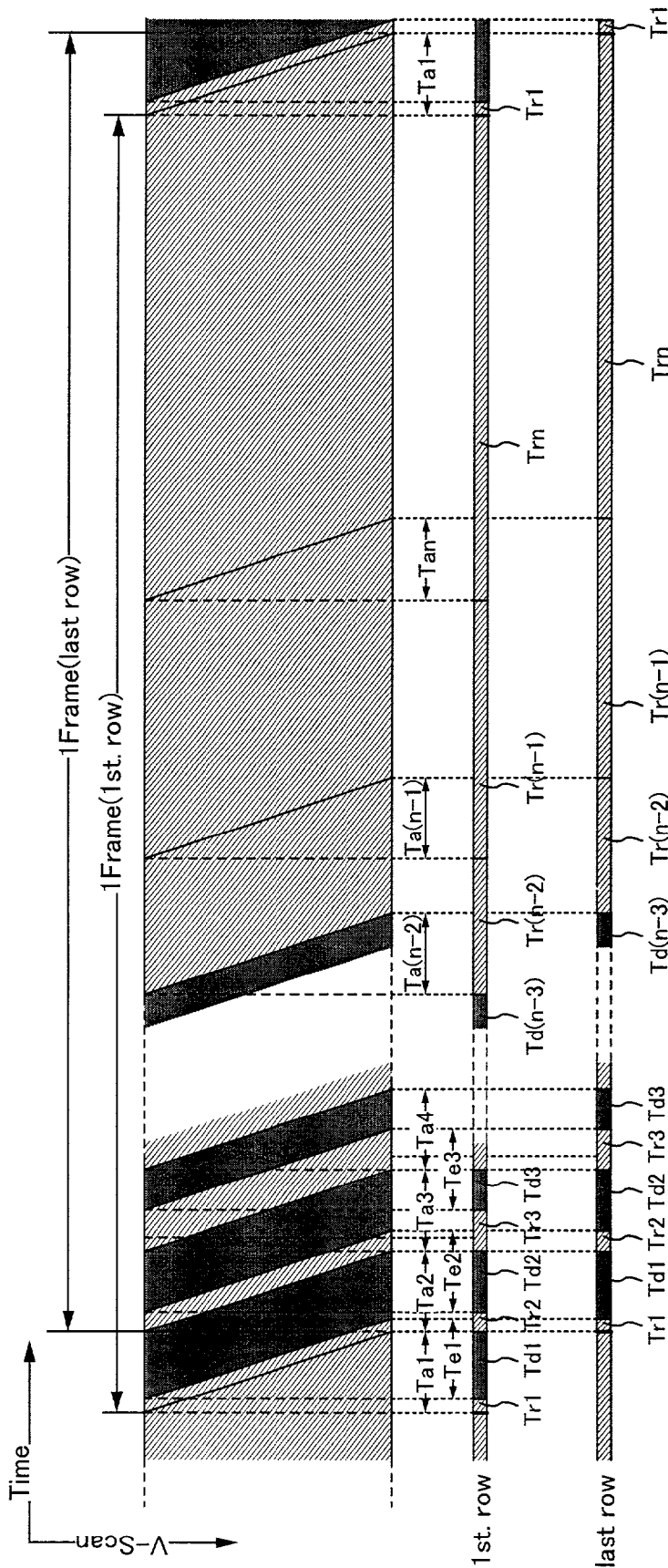


Fig. 4

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.