



US005976895A

United States Patent [19] Cipkowski

[11] **Patent Number:** 5,976,895
[45] **Date of Patent:** Nov. 2, 1999

[54] **DEVICE FOR THE COLLECTION, TESTING AND SHIPMENT OF BODY FLUID SAMPLES**

[75] Inventor: Stan Cipkowski, Ancramdale, N.Y.

[73] Assignee: American BioMedica Corporation, Hudson, N.Y.

[21] Appl. No.: 08/613,487

[22] Filed: Mar. 11, 1996

[51] Int. Cl.⁶ G01N 33/543; G01N 33/94

[52] U.S. Cl. 436/518; 422/58; 422/68.1; 422/102; 435/7.1; 435/7.93; 435/7.94; 435/287.2; 435/288.7; 435/970; 435/975; 436/525; 436/164; 436/169; 436/816; 436/901; 600/584

[58] Field of Search 436/514, 518, 436/525, 810, 816, 901; 422/55, 56, 57, 58, 68.1, 102; 435/7.1, 7.93, 7.94, 970, 287.2, 973, 288.4, 288.7, 975; 128/771; 600/574, 584

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,900,019 8/1975 Logiadis 600/574

4,225,557	9/1980	Hartl et al.	422/58
4,361,537	11/1982	Deutsch et al.	422/56
4,518,565	5/1985	Boger et al.	422/58
4,822,565	4/1989	Kohler	422/57
5,119,830	6/1992	Davis	600/584
5,238,652	8/1993	Sun et al.	422/58
5,403,551	4/1995	Galloway et al.	422/58
5,441,698	8/1995	Norell	422/58
5,500,375	3/1996	Lee-Owen et al.	436/518
5,712,172	1/1998	Huang et al.	436/518

Primary Examiner—James C. Housel
Assistant Examiner—James L. Grun
Attorney, Agent, or Firm—Edmund M. Jaskiewicz

[57] **ABSTRACT**

A drug abuse test kit has a transparent cup-like container for retaining a fluid sample to be tested and the open top end of the container is closed by an inner closure insert seated within the open end. There is a slit in the inner closure insert to receive a multiple drug test card having a plurality of immunoassay test strips thereon with visual endpoints to indicate presence or absence of a particular drug. The container is provided with an outer cover to close and seal the container when a sample therein is to be transported.

6 Claims, 5 Drawing Sheets

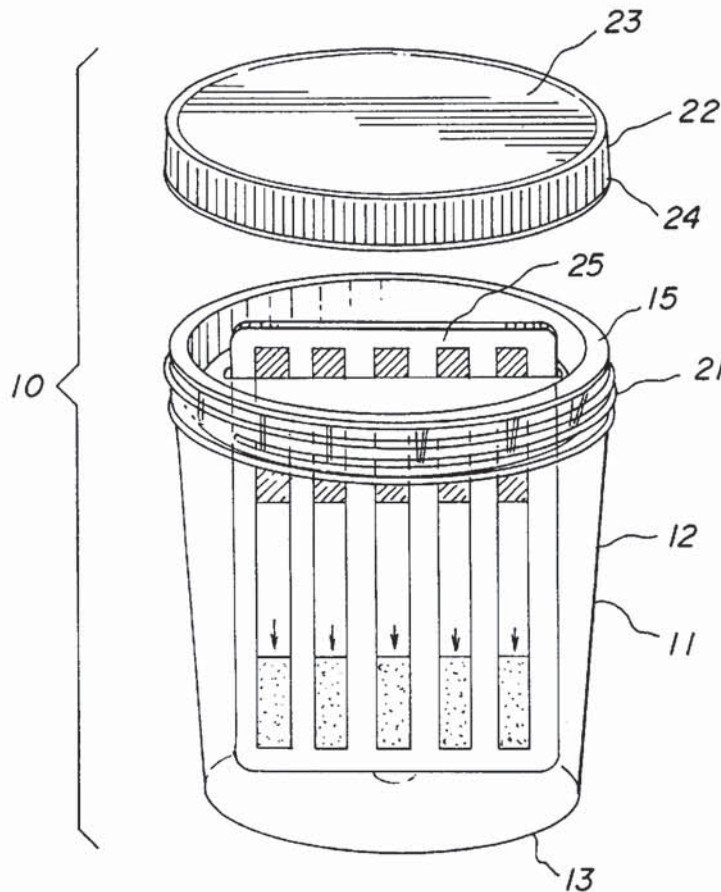
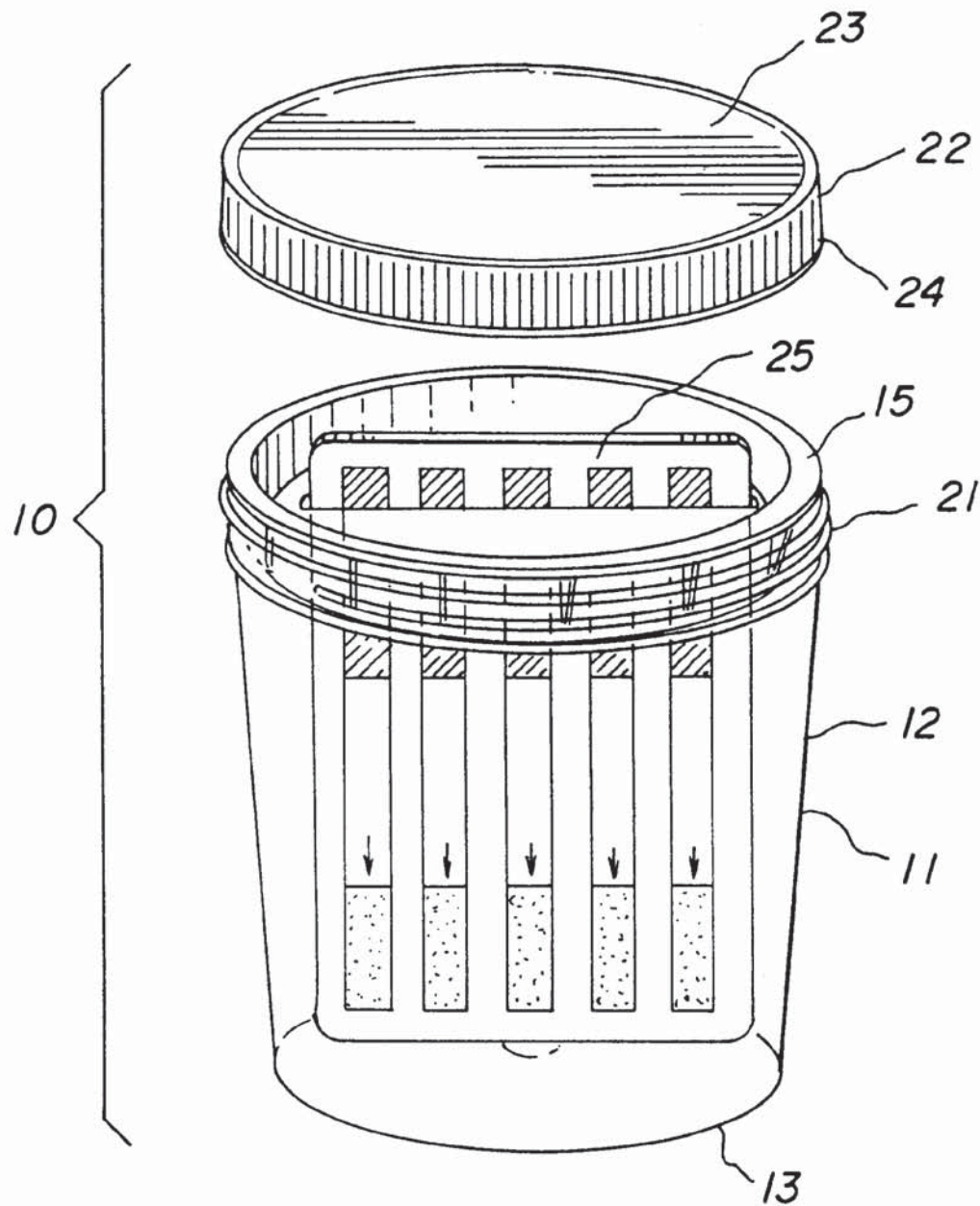


FIG. 1



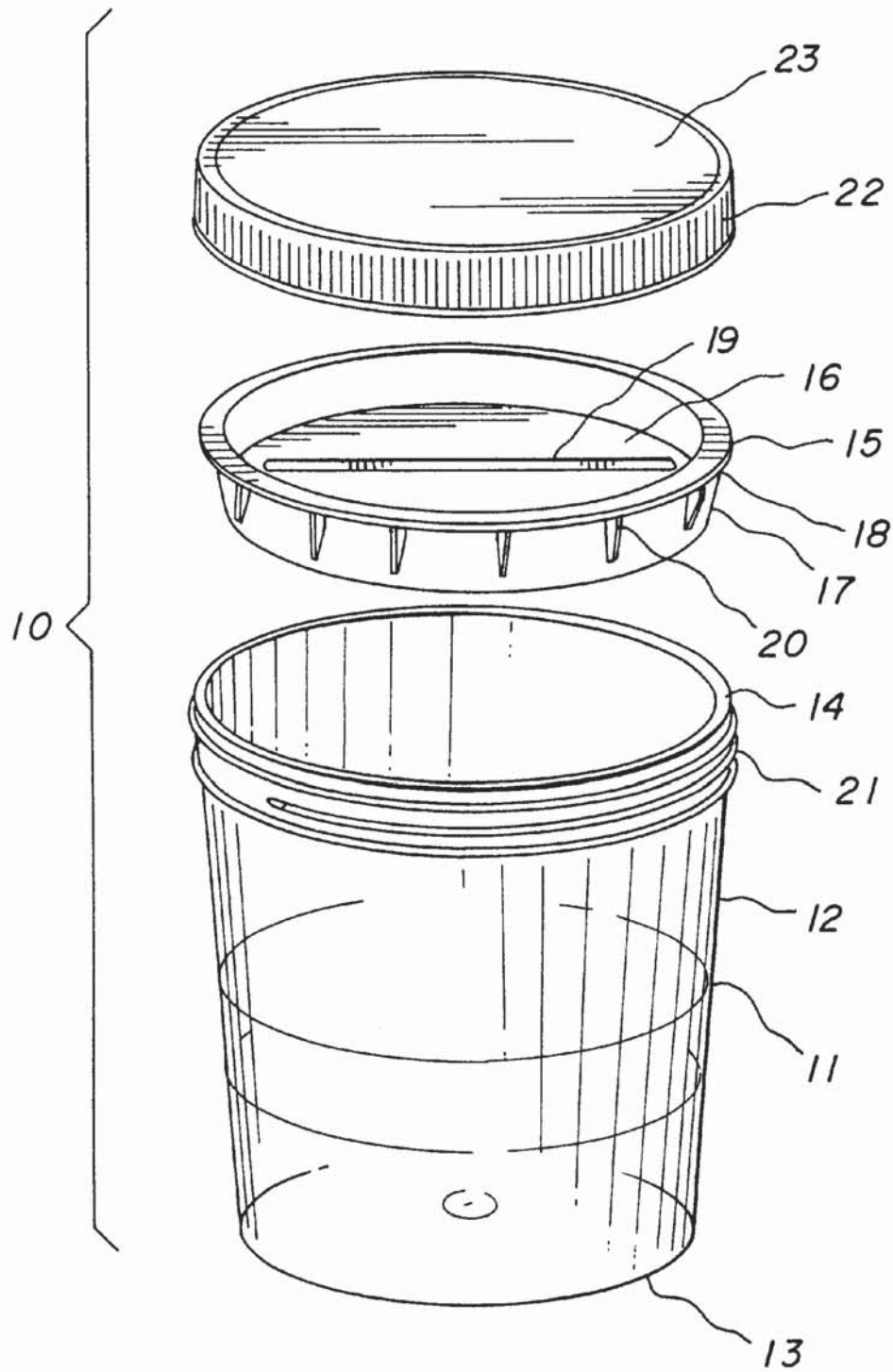


FIG. 2

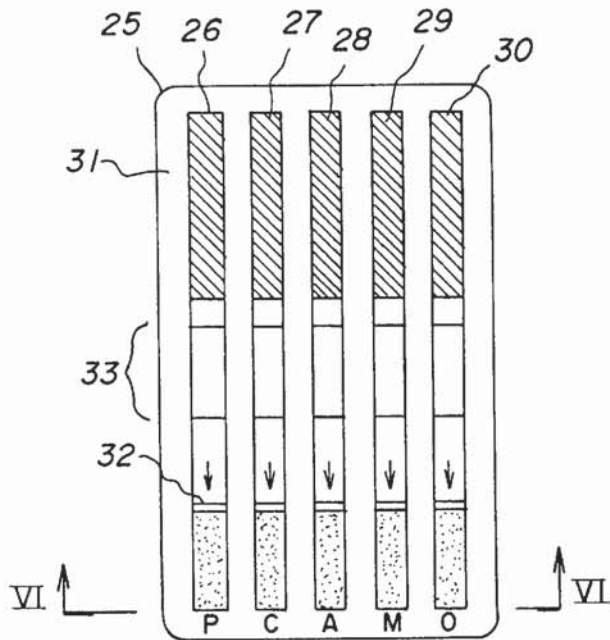


FIG. 3



FIG. 4

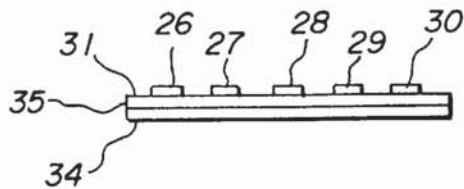


FIG. 5

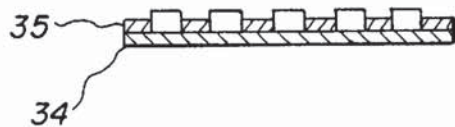


FIG. 6

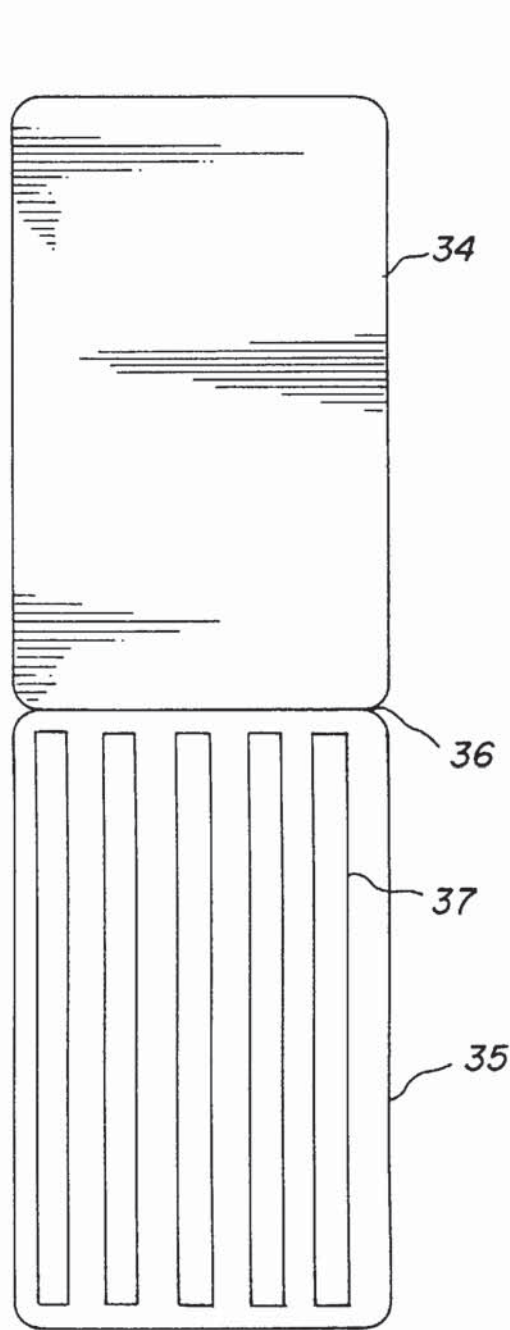


FIG. 7

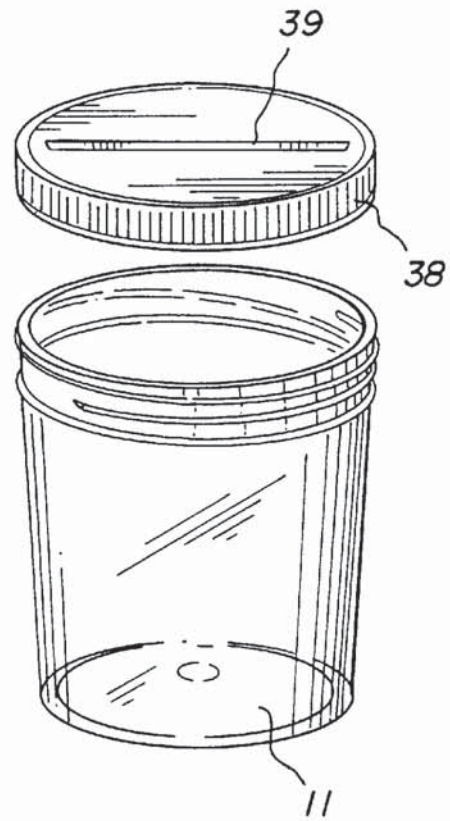


FIG. 8

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.