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Bates et al.

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(54) **ASSAYING DEVICE CONSISTING OF THE TEST CARTRIDGE OR CASSETTE WITH A CAP OR COVER WHICH ATTACHES ONTO THE CARTRIDGE OR CASSETTE TO COVER AND SEAL THE WELL OR OPENING INTO WHICH THE SAMPLE HAS BEEN DEPOSITED**

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(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(51) **Int. Cl.⁷** **G01N 33/48**

(52) **U.S. Cl.** **422/58; 422/61; 436/165; 436/169; 435/305.3; 435/305.4**

(58) **Field of Search** **422/56, 58, 61, 422/102, 99-100, 103-104; 436/164, 165, 166, 169, 174, 808; 206/528, 538, 539; 435/287.1, 304.1, 304.2, 305.3, 305.4**

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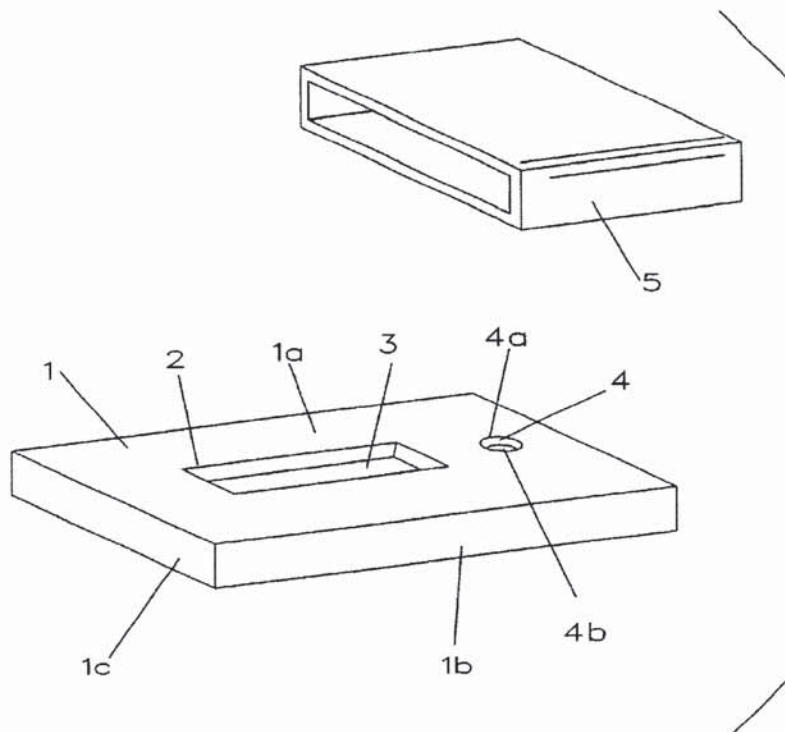
* cited by examiner

Primary Examiner—Lyle A. Alexander

(57) **ABSTRACT**

An assaying device composed of a test cartridge/cassette and cap/cover. When attached, the cap/cover seals the top of a sample well/opening on the cartridge/cassette in a fluid tight manner, to protect from contact with and contamination of the tested sample (for example, urine for drug testing), provide easier, cleaner handling of the test cartridge/cassette and prevent intermixing of another sample.

20 Claims, 4 Drawing Sheets



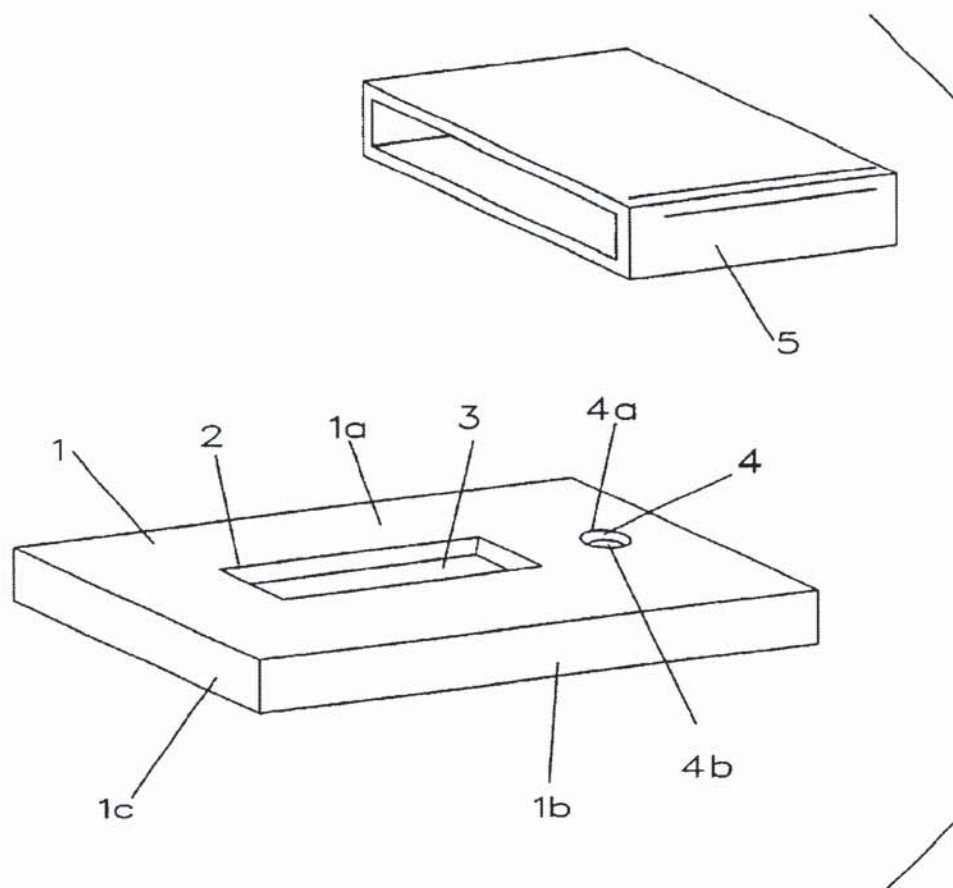


FIG. 1

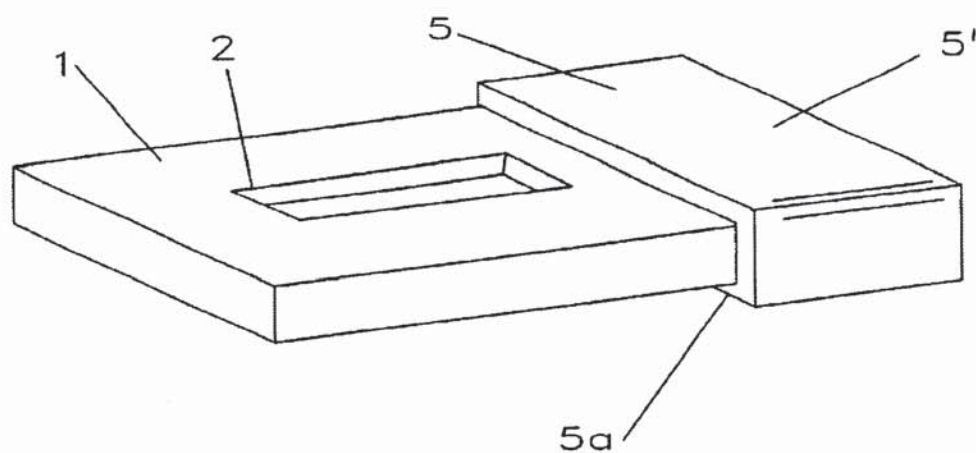


FIG. 2

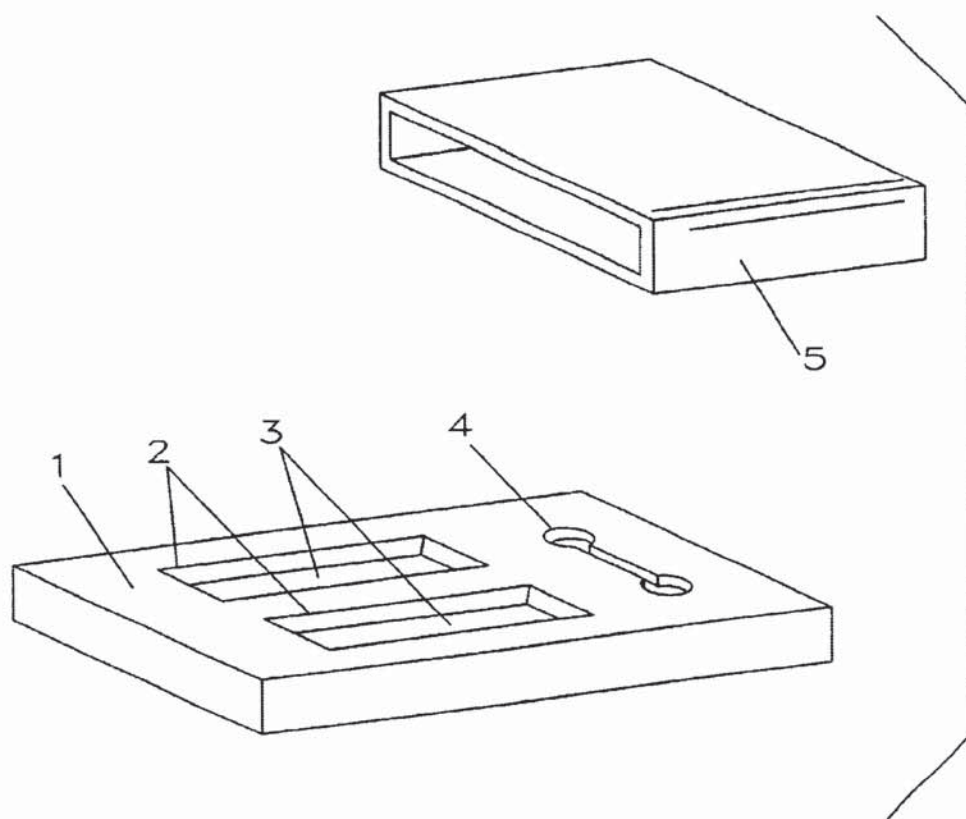


FIG. 3

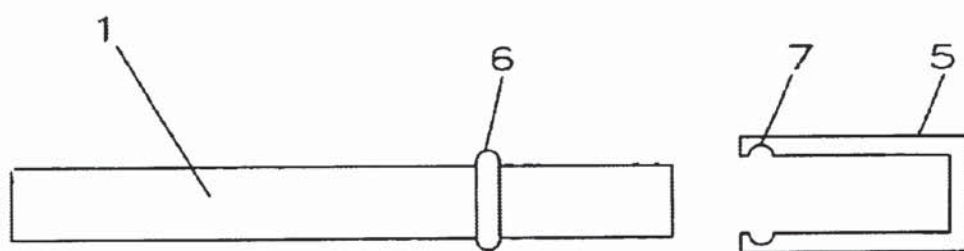


FIG. 4

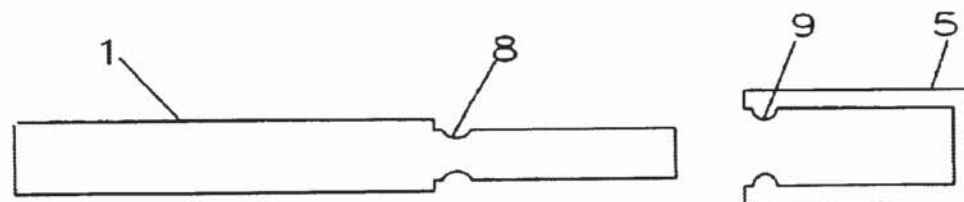


FIG. 5

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