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(54) Title: FLUIDS TESTING APPARATUS AND METHODS OF USE

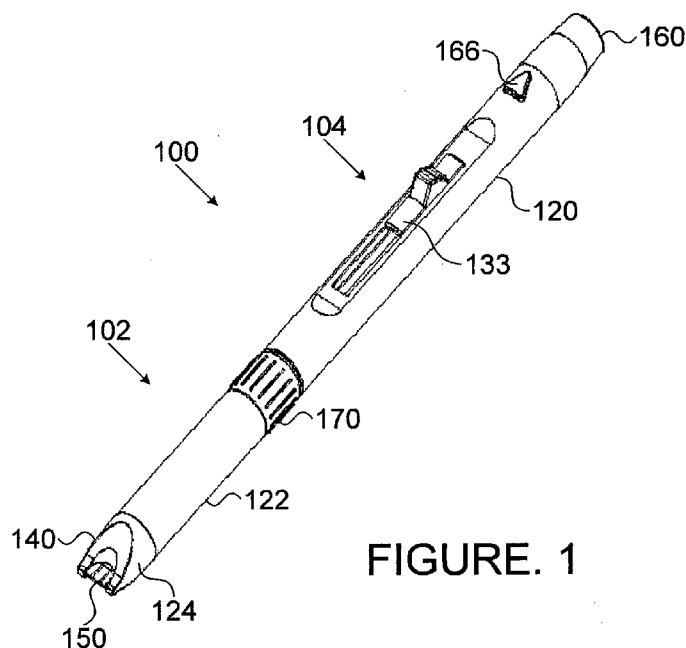


FIGURE. 1

(57) Abstract: The invention is directed to a mobile hand held miniature laboratory system in general, and to fluid testing apparatus for performing a parameter measurement in a fluid sample and methods of use thereof in particular. The apparatus comprising: A strip adapted to absorb a fluid sample and to produce a signal indicative of said parameter level in said sample; and an adaptor adapted to connect said strip to a smart phone to thereby allow delivery of the produced signal or a correlated signal to said smart phone for obtaining a measurement of said fluid parameter displayed on said smart phone, wherein said testing apparatus relies on said smart phone at least for power supply and display means.



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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubWEST (USPT, PGPB, JPO, EPO); Google (search terms below)

Glucometer, smart phone, phone, pda, strip, disposable, USB, headset, software, application, app, microprocessor

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2008/0299009 A1 (Angelides) 04 Dec 2008 (04.12.2008), entire document especially Abstract, para [0006], [0015]-[0016], [0017]-[0019], [0035]-[0036], [0047], [0049]	1-50
Y	US 2007/0181425 A1 (Kim) 09 Aug 2007 (09.08.2007), entire document especially Abstract, para [0047]	1-50
A	US 2006/0260940 A1 (McAleer et al.) 23 Nov 2006 (23.11.2006), entire document	1-50

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