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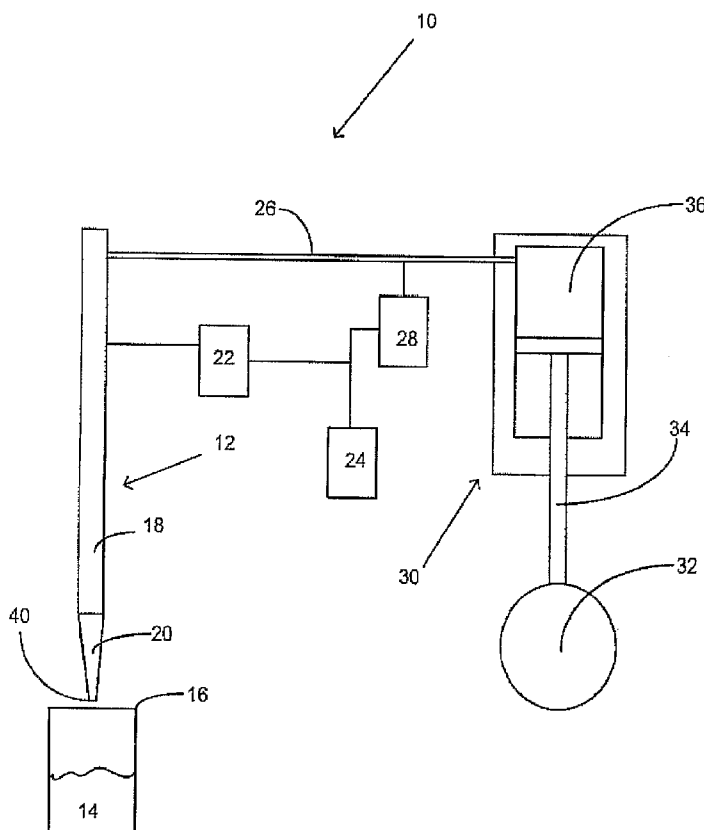
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[Continued on next page]

(54) Title: METHOD FOR ASCERTAINING INTERFERANTS IN SMALL LIQUID SAMPLES IN AN AUTOMATED CLINICAL ANALYZER



(57) Abstract: A liquid aspiration method which includes a method for determining the quality of the aspirated sample through mathematical analysis of the standard deviation of the residuals of the linear regression analysis of the aspiration pressure profile generated between the onset of actual aspiration and the end of actual aspiration and comparison of the results with predetermined known values.

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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC(8): G06F 19/00 (2007.01), USPC: 702/140, 114 (keyword limited – see keywords below)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 702/108, 127 (keyword limited -- see keywords below)		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST, SCHOLAR GOOGLE: curve fit, deviation, pipette, aspiration, pressure curve, pressure characteristic, pressure profile, model, flow		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,022,747 A (GHERSON et al.) 08 February 2000 (08.02.2000), entire document especially Abstract; col 2, ln 48-67; col 5, ln 57-62; Fig 1; col 6, ln 5-10; col 7, ln 45-61; col 7, ln 14-21; Fig 3, 4, item E, F; col 6, ln 48-64; col 7, ln 62-col 8, ln 5.	1-12
Y	US 5,637,799 A (HEYMAN et al.) 10 June 1997 (10.06.1997), entire document especially Abstract; col 2, ln 32-45; col 4, ln 46-64; Fig 4, 5; col 3, ln 29-39; col 2, ln 12-13; col 6, ln 48-64; col 4, ln 50-53.	1-12
Y	US 6,370,942 B1 (DUNFEE et al.) 16 April 2002 (16.04.2002), entire document especially Abstract; col 3, ln 15-19; col 7, ln 46-55; col 11, ln 19-24; col 3, ln 15-19.	6 and 12
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