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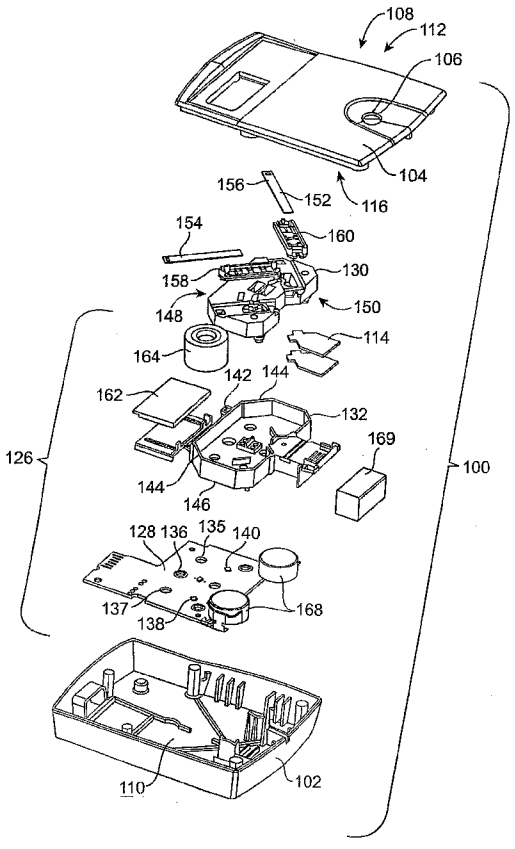
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*[Continued on next page]*

(54) Title: BODY FLUID ANALYTE METER & CARTRIDGE SYSTEM FOR PERFORMING COMBINED GENERAL CHEMICAL AND SPECIFIC BINDING ASSAYS




(57) Abstract: A combination body fluid analyte meter and cartridge system, having: (a) a body fluid analyte meter, with: a housing; a logic circuit disposed within the housing; a visual display disposed on the housing; and a measurement system disposed within the housing; and (b) a cartridge, having: at least one lateral flow assay test strip, the lateral flow assay test strip having: (i) a lateral flow transport matrix; (ii) a specific binding assay zone on the transport matrix for receiving a fluid sample and performing a specific binding assay to produce a detectable response, and (iii) a general chemical assay zone on the transport matrix for receiving the fluid sample and performing a general chemical assay to produce a detectable response; wherein the cartridge is dimensioned to be receivable into the body fluid analyte meter such that the measurement system is positioned to detect the responses in the specific binding assay zone and the general chemical assay zone in the lateral flow assay test strip.

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