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(54) Title: TEST STRIP FIXATION DEVICE FOR OPTICAL MEASUREMENTS OF AN ANALYTE

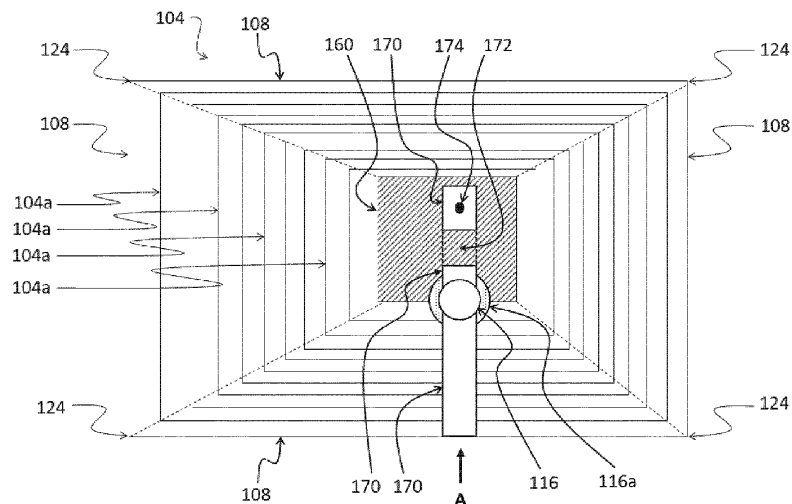


Fig. 1

(57) Abstract: The present invention relates to a test strip fixation device - being configured to be used in a method for determining a concentration of an analyte in a bodily fluid by using a mobile device having a camera, said method comprising capturing by the camera at least one image containing at least a part of an optical test strip and at least a part of said test strip fixation device, the optical test strip having a sample of the bodily fluid applied onto a reagent test region of the optical test strip, wherein the image comprises at least a part of the reagent test region having the sample of the bodily fluid applied thereto, and wherein the image comprises at least a part of a top surface of the test strip fixation device; said test strip fixation device comprising a) an essentially planar shape; b) a cut-out portion; c) a top surface comprising a plurality of color reference fields having known reference color values, including grey reference fields locally arranged around the cut-out portion and around at least some of the non-grey color reference fields; and comprising position detection code elements; d) a bottom surface comprising a fixation element for detachable connection of the optical test strip relative

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to said test strip fixation device, such that the reagent test region can be aligned with the cut-out portion.