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(54) **Title:** METHOD AND SYSTEM FOR MEASURING A COMPOSITION IN A BLOOD FLUID

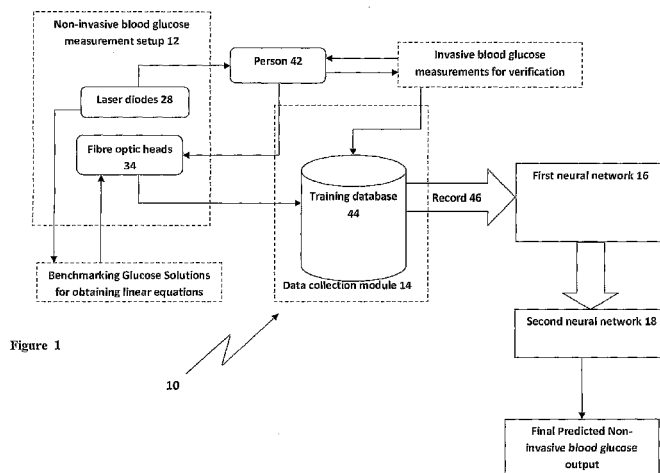


Figure 1

(57) **Abstract:** A system (10) and method for measuring a composition in the blood fluid is disclosed. The system (10) comprises a non-invasive measuring unit (12) for measuring the composition; and at least one neural network (16) for processing a plurality of measurements taken by the non-invasive measuring unit (12) to determine an overall measurement of the composition in the blood fluid. A further aspect of the invention discloses a computer-readable medium for performing the above method.