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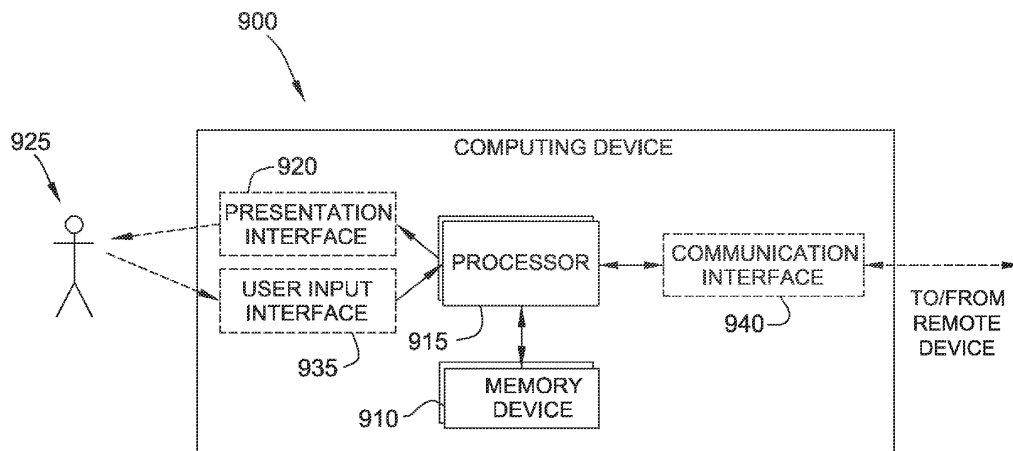


FIG. 9

(57) Abstract: Disclosed herein is a non-transitory computer-readable media having computer-executable instructions thereon. When executed by the processor of a mobile computing device, the computer-executable instructions cause the processor to wirelessly communicatively couple the mobile computing device to a GI sensor (optionally by displaying instructions on a pairing screen), display a sensor placement screen that instructs the user to place the GI sensor on a body of a patient, prompts the user to administer a GI agent into the body of the patient; transmit a signal from the mobile computing device to the GI sensor to cause the GI sensor to initiate collection of light absorbance data for calculating GI function of the patient; receive light absorbance data from the GI sensor, and store the received light absorbance data.

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