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(54) Title: SYSTEMS AND METHODS FOR ANALYZING, INTERPRETING, AND ACTING ON CONTINUOUS GLUCOSE MONITORING DATA

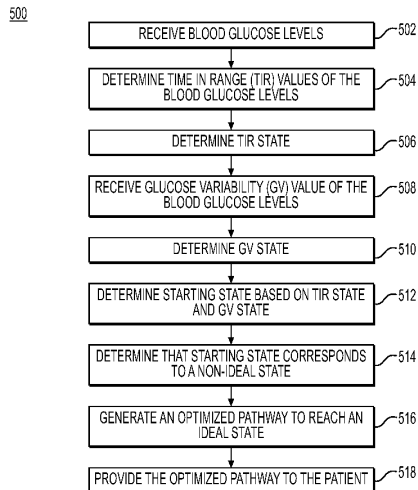


FIG. 5A

(57) Abstract: Methods and devices include automated coaching for management of glucose states by receiving a user's glucose levels using a continuous glucose monitoring (CGM) device, determining a time in range (TIR) value, determining a TIR state, receiving a glucose variability (GV) value, determining a GV state, determining a starting state based on the TIR state and the GV state, determining that the starting state corresponds to a non-ideal state, generating an optimized pathway to reach an ideal state based on one or more account vectors such as addressing selfmanagement behavior including food, activity, and medication use. The optimized pathway may further be based on computer detection and classification of significant events of interest over time.

[Continued on next page]

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