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(54) **Title:** METHOD AND DEVICE FOR COLLECTING PHYSIOLOGICAL DATA OF A WEARER

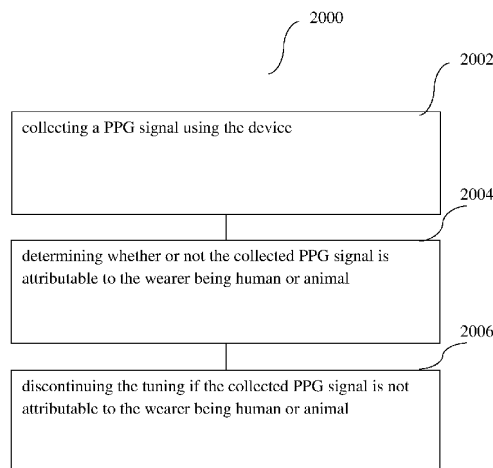


Figure 20

(57) **Abstract:** A method of tuning a wearable device for collecting physiological data of a wearer, a wearable device for collecting physiological data of a wearer, a method of controlling a wearable device for collecting physiological data of a wearer, a wearable device for collecting physiological data of a wearer the method, and a computer-readable medium. The method of tuning a wearable device for collecting physiological data of a wearer comprises the steps of collecting a PPG signal using the device; determining whether or not the collected PPG signal is attributable to the wearer being human or animal; and discontinuing the tuning if the collected PPG signal is not attributable to the wearer being human or animal; wherein determining whether or not the collected PPG signal is attributable to the wearer being human or animal comprises determining information about at least one cardiac cycle based on at least one pulse in PPG signal.

[Continued on next page]

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