

PROGRAMMABLE THERMOMETER AND TEMPERATURE BADGE**ABSTRACT**

5 A programmable digital thermometer for a human user including: a thermistor to
allow the user to take a body temperature of the user; a digital display capable of
showing the temperature of the user; a printed circuit board having an integrated
circuit (IC) configured to allow the user to operate the thermometer in one of a
temperature taking mode, a temperature badge mode and a programming mode;
10 and a power source. The programmable digital thermometer may further include
at least one of: a red LED to indicate a fever condition of the user when in the
temperature badge mode; a green LED to indicate a no fever condition of the
user when in the temperature badge mode; and an alarm buzzer to alert the user
of a fever condition.

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FIG. 2