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Gross et al.

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(54) **HAND-HELD MEDICAL-DATA CAPTURE-DEVICE HAVING A DIGITAL INFRARED SENSOR WITH NO ANALOG READOUT PORTS AND OPTICAL DETECTION OF VITAL SIGNS THROUGH VARIATION AMPLIFICATION AND INTEROPERATION WITH ELECTRONIC MEDICAL RECORD SYSTEMS**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 72 days.

This patent is subject to a terminal disclaimer.

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CPC ***A61B 5/0008*** (2013.01); ***A61B 5/0013*** (2013.01); ***A61B 5/0022*** (2013.01);
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CPC G01K 15/005; G01K 7/24; G01K 2217/00; G01K 7/20; G01K 7/00; G01K 7/18; G01K 3/00; G01K 7/21; A61B 5/01
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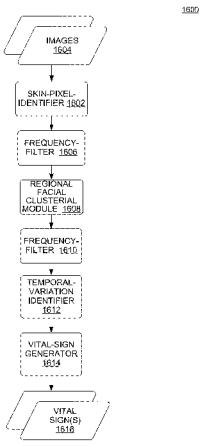
(57) **ABSTRACT**

In one implementation, an apparatus estimates body core temperature from an infrared measurement of an external