

WIRELESS METROLOGY COMMUNICATION

ABSTRACT

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A method of communicating a gauge measurement may include receiving from a gauge a measurement signal representative of a measurement output by the gauge. The method may further include producing a communication signal including the received measurement. The method may further include wirelessly transmitting the communication signal according to a wireless network protocol. In some examples, a wireless metrology assembly may comprise an input/output controller operatively coupled to a first wireless network controller. The input/output controller may be configured to receive from a gauge a measurement signal representative of a measurement output by the gauge. The input/output controller may be configured to receive the measurement signal from the gauge when the wireless metrology assembly is operatively coupled to the gauge, and to produce a communication signal including the received measurement. The first wireless network controller may be configured to wirelessly transmit the communication signal according to a wireless network protocol.

20 Fig. 5