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McMahan et al.

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(54) ACCURACY ENHANCEMENT OF A SENSOR **DURING AN ANOMALOUS EVENT**

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patent is extended or adjusted under 35

U.S.C. 154(b) by 94 days.

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Related U.S. Application Data

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(51) Int. Cl. G01P 21/00 (2006.01)

Field of Classification Search 73/1.37–1.39; 324/602; 702/141

See application file for complete search history.

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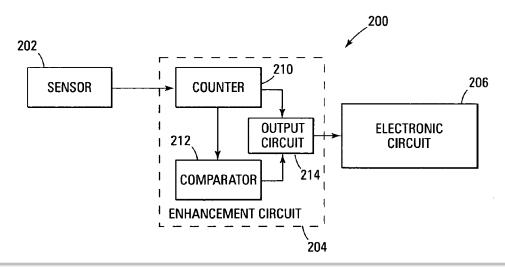
* cited by examiner

Primary Examiner—Hezron Williams Assistant Examiner—Tamiko Bellamy (74) Attorney, Agent, or Firm-Fogg & Powers LLC

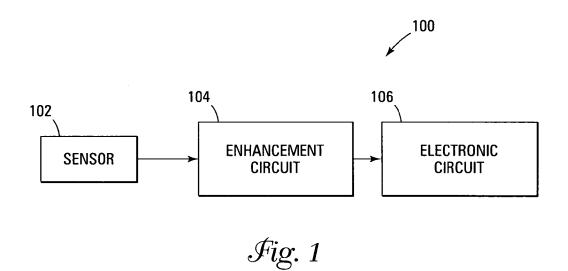
(57)**ABSTRACT**

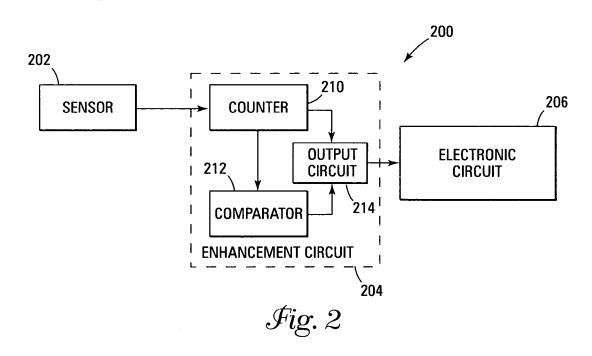
A method for enhancing the accuracy of a sensor is provided. The method includes determining a measure of the output of the sensor, determining whether the measure falls outside of an acceptable range for the output of the sensor, and, when the measure falls outside the acceptable range, modifying the measure of the output such that the measure falls within the acceptable range for the sensor.

22 Claims, 6 Drawing Sheets











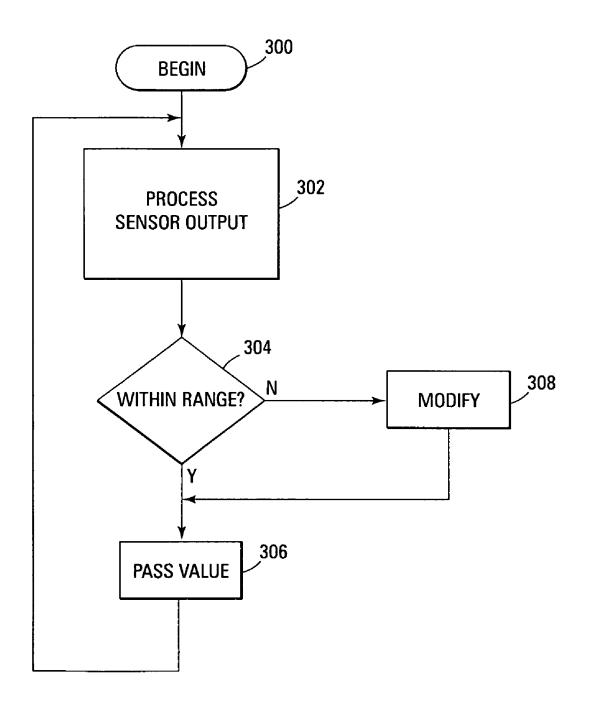
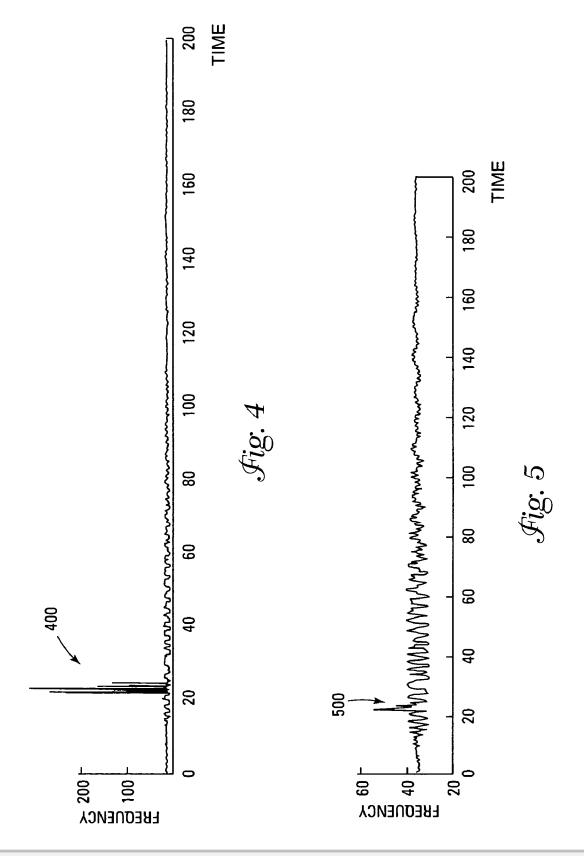
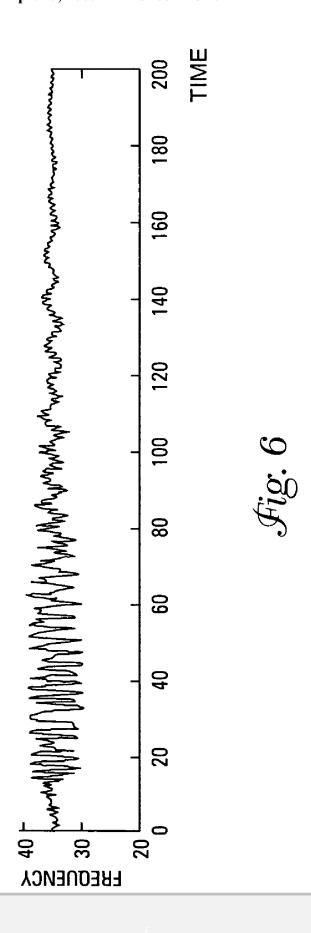


Fig. 3











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