



(12) **United States Patent**
McMahan et al.

(10) **Patent No.:** **US 7,204,123 B2**
(45) **Date of Patent:** **Apr. 17, 2007**

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

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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 94 days.

(21) Appl. No.: **10/842,063**

(22) Filed: **May 10, 2004**

(65) **Prior Publication Data**

US 2005/0210952 A1 Sep. 29, 2005

Related U.S. Application Data

(60) Provisional application No. 60/557,109, filed on Mar. 26, 2004.

(51) **Int. Cl.**

G01P 21/00 (2006.01)

(52) **U.S. Cl.** **73/1.37**

(58) **Field of Classification Search** 73/1.37-1.39; 324/602; 702/141

See application file for complete search history.

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Primary Examiner—Hezron Williams

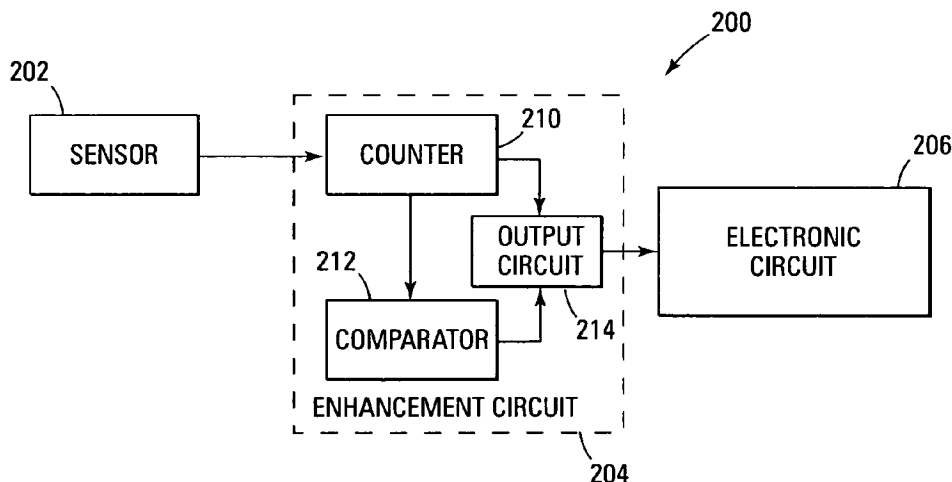
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(57) **ABSTRACT**

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



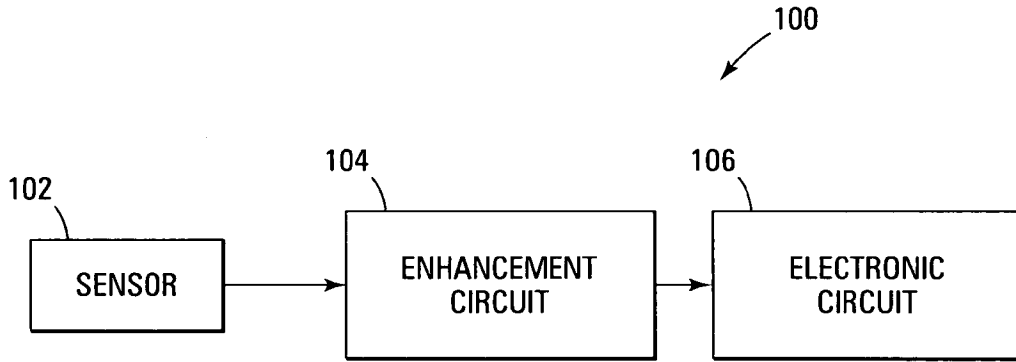


Fig. 1

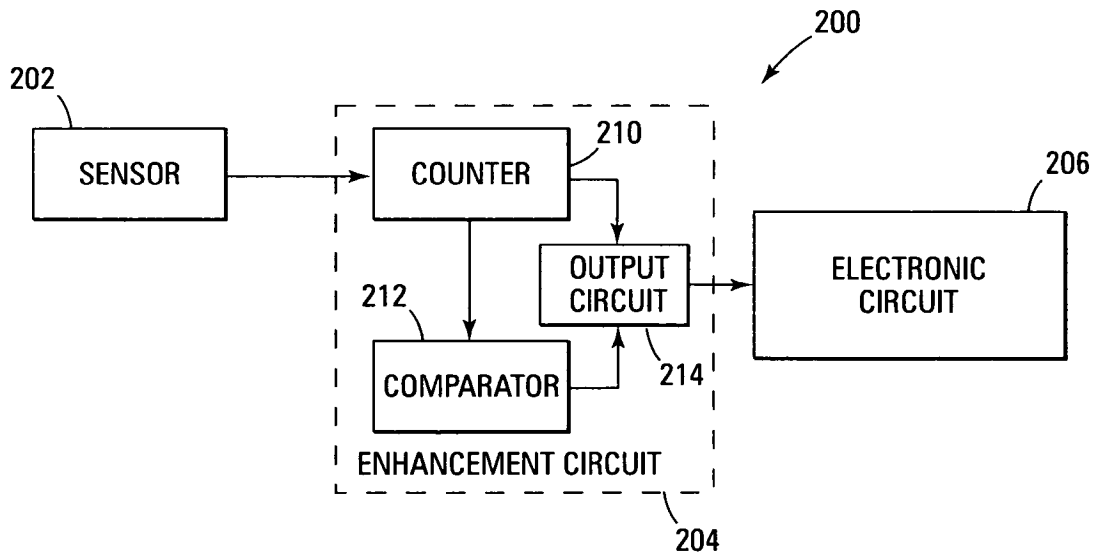


Fig. 2

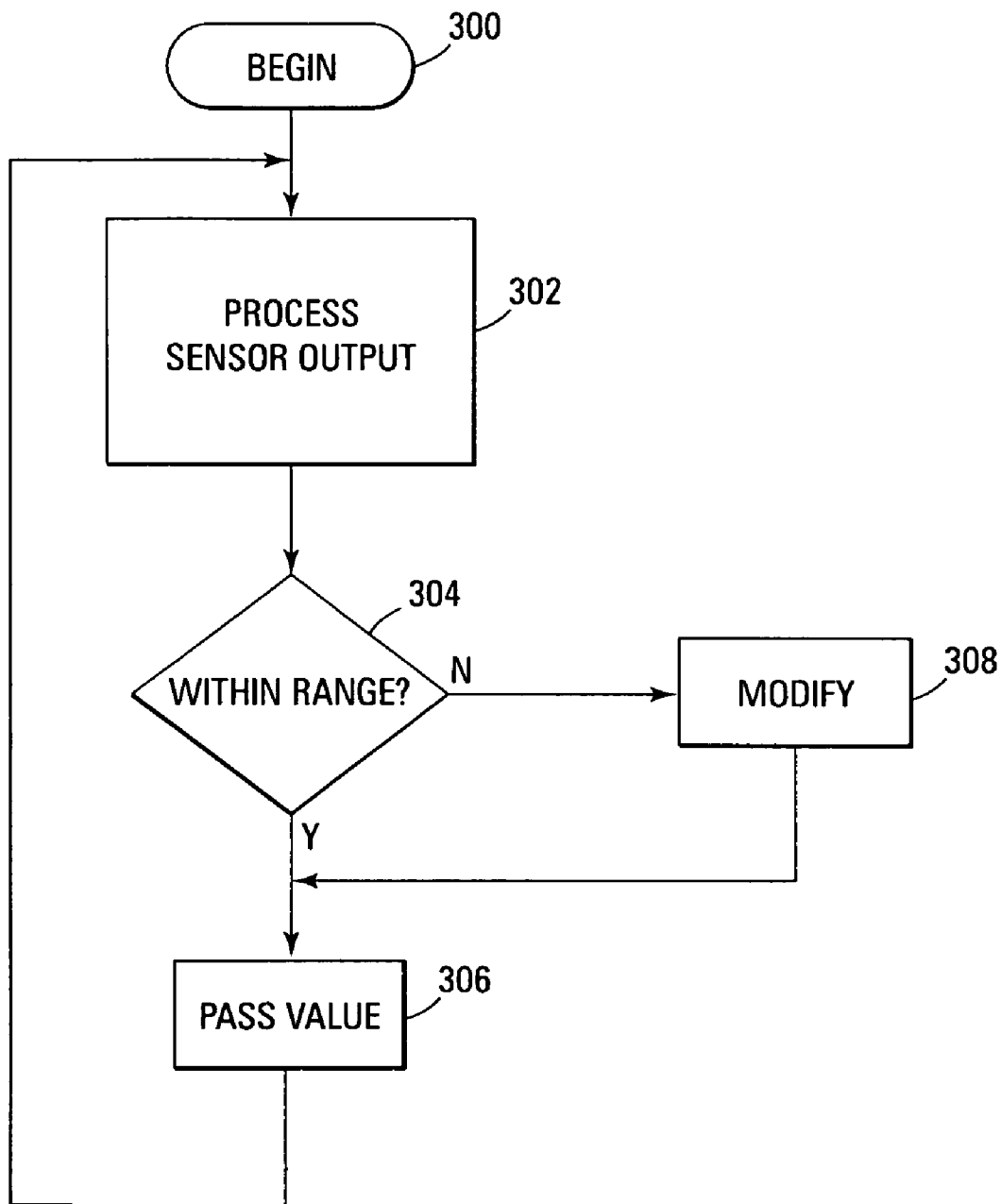


Fig. 3

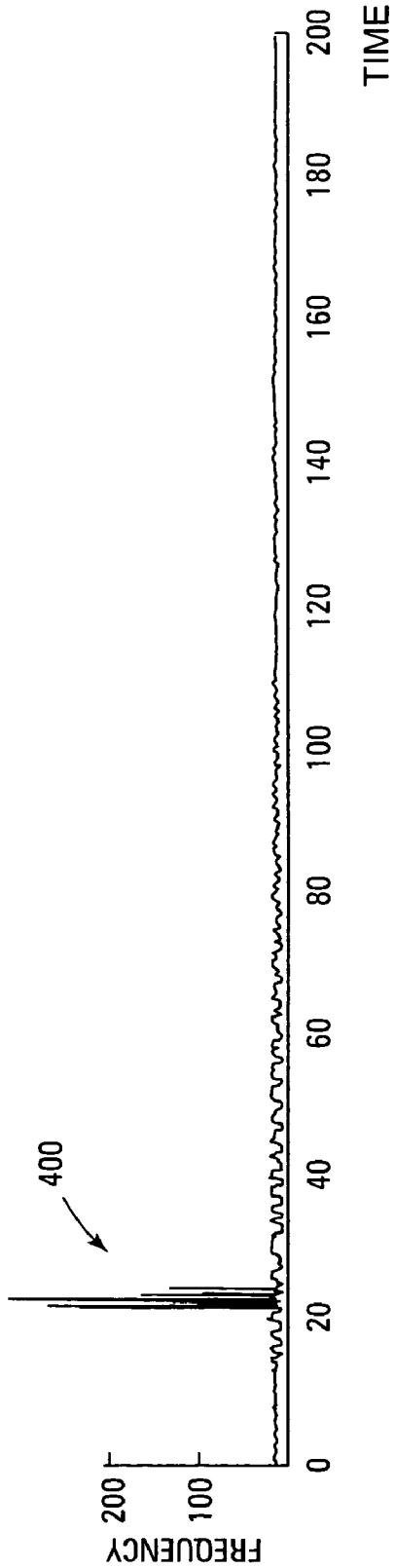


Fig. 4

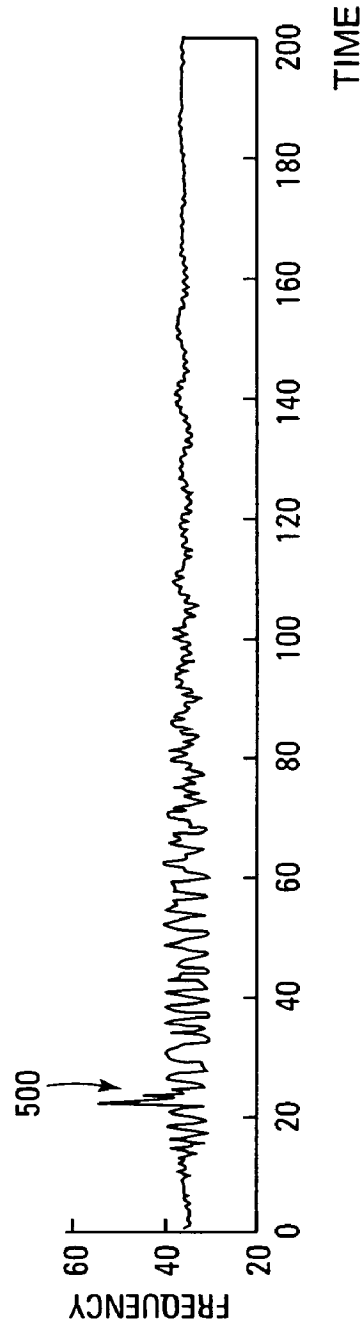


Fig. 5

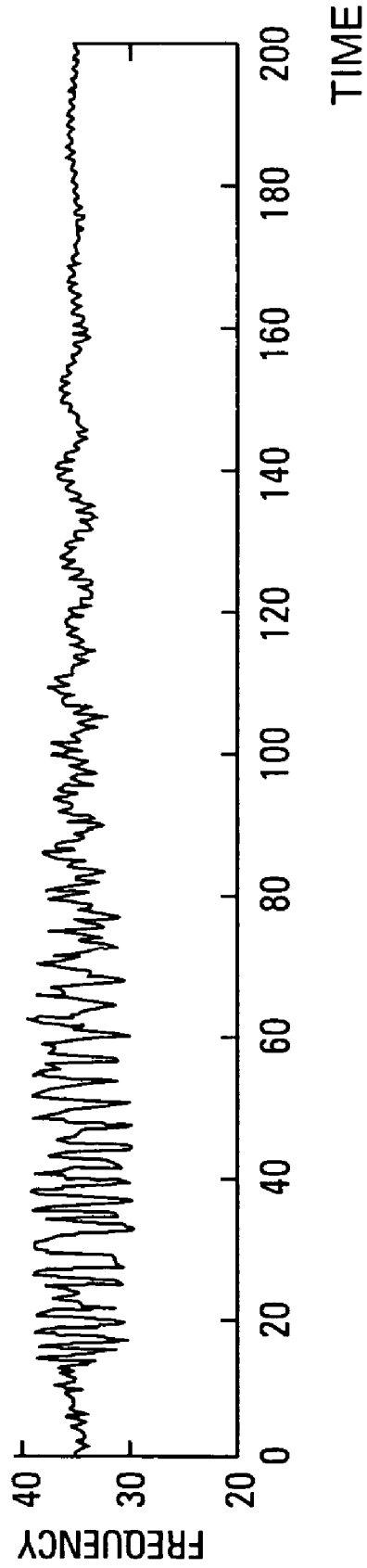


Fig. 6

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