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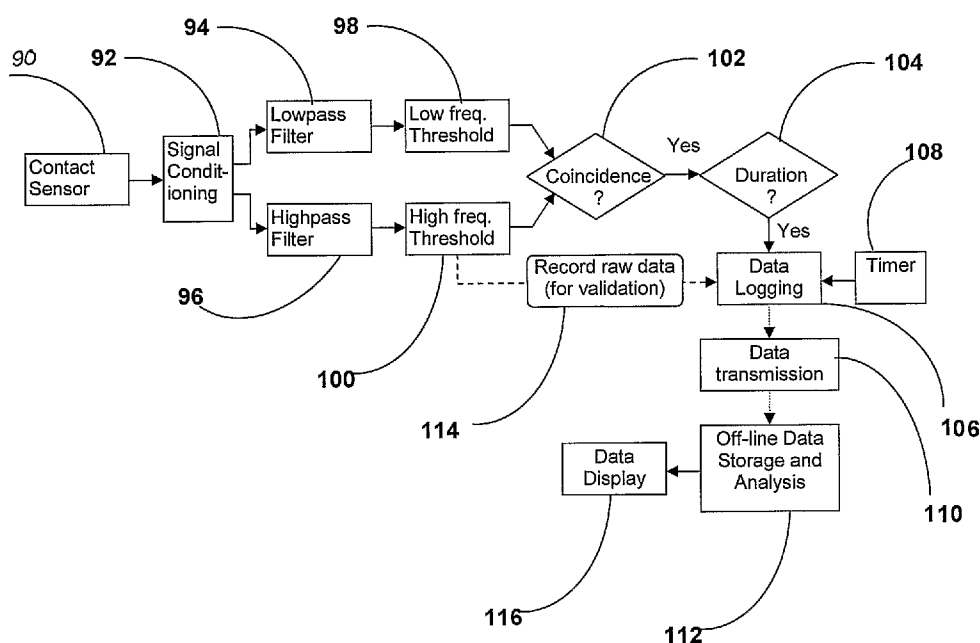
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(54) Title: COUGH DETECTOR



(57) Abstract: A device for detecting and counting coughing events is provided. In one embodiment a sensor for sensing and transducing low frequency and high frequency mechanical vibrations, sends signals to a coincidence detector that determines if high and low signals coincide. In another embodiment, ultrasonic energy is introduced to the trachea and if Doppler shift in frequency is detected, association is made to a coughing event. In another embodiment a change in the impedance of the neck is considered associated with coughing event if correlated over time with a specific mechanical frequency sensed.

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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,261,238 B1 (GAVRIELY) 17 June 2001 (17.06.2001), entire document.	1-8,10
X	US 5,893,361 A (HUGHES) 13 April 1999 (13.04.1999) entire document.	9
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