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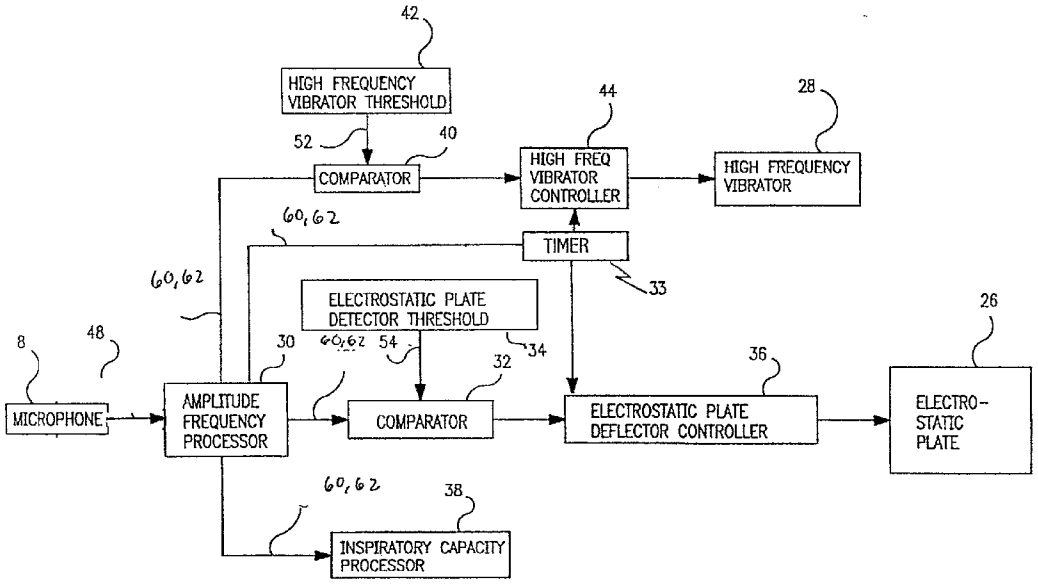
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(54) Title: DIRECTIONAL FLOW SENSOR INHALER



(57) Abstract: An fluid sensor to activate and control various components of an inhalation device. The fluid sensor includes an acoustic element, such as a microphone, positioned within said inhalation device to detect fluid within the device and output signals representative of the frequency, direction and/or amplitude of the fluid. These signals control and activate an electrostatic plate and/or a high frequency vibrator.

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