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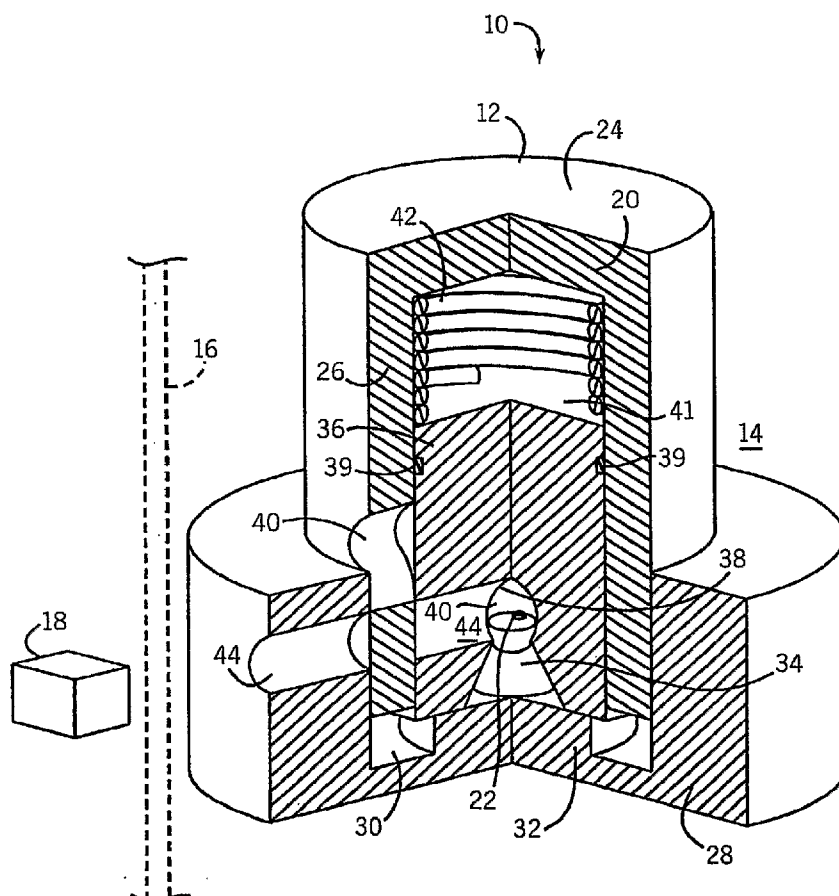
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(54) Title: NON-INTRUSIVE PRESSURE GAGE



(57) Abstract: In accordance with one exemplary embodiment, the present invention provides a sensor system for detecting a change in condition. The system includes a radioactive source. This system also includes at least one radiation detector configured to detect radiation from the radioactive source. Furthermore, the system includes a displacement assembly configured to physically displace in response to the change in condition and configured to change the radiation levels detected by the radiation detector in response to such displacement. Advantageously, this system facilitates non-intrusive communication of information across a physical barrier, via the measurement of changing radiation levels that change in response to a change in condition, for example.

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