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- (54) **Title:** HIGH RESOLUTION WIDE RANGE PRESSURE SENSOR

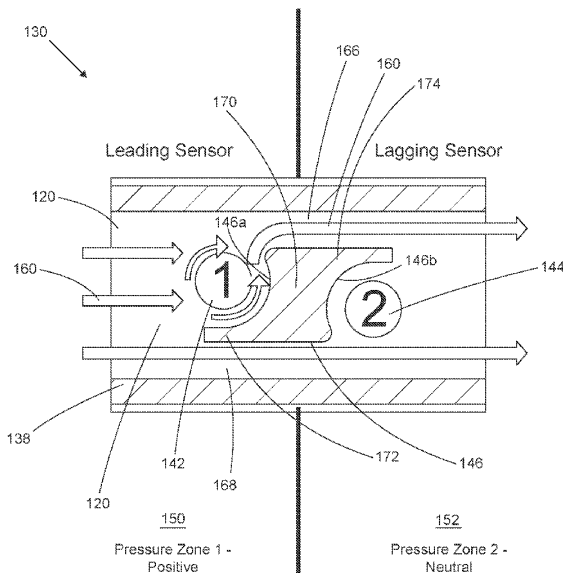


FIG. 4

(57) **Abstract:** A solid-state sensor, including an enclosure having a first opening in a first side of the enclosure and a second opening in a second side of the enclosure, a first passageway in fluid communication with the first and second openings, and a solid-state direction sensor positioned within the first passageway. The solid-state direction sensor can include a first sensor (142) positioned at a first axial position, a second sensor (144) positioned at a second axial position, and a flow deflector positioned at a third axial position that is between the first and second axial positions. The flow deflector can extend into the first passageway so as to constrict the first passageway.

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