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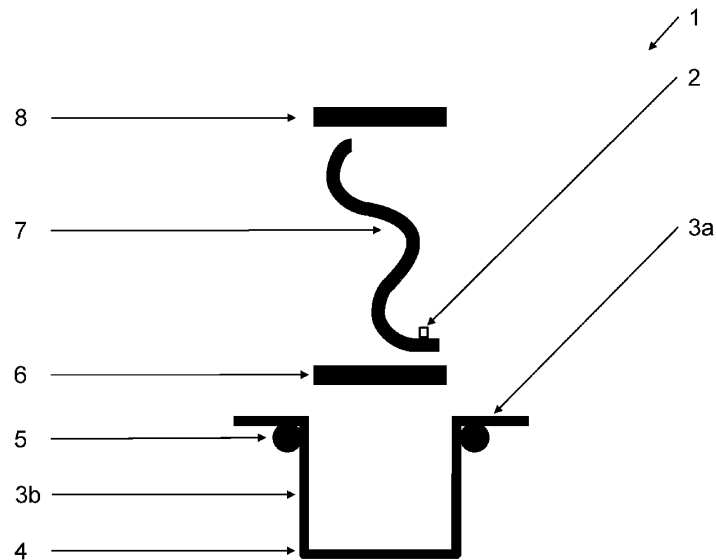


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(54) **Title:** SENSOR ASSEMBLY

FIG 1



(57) **Abstract:** A sensor assembly (1) comprising a housing (3a, 3b) comprising a tubular portion (3b), a membrane (4), a cable (5), an ultrasonic sensor (6), and a further sensor (2); wherein the tubular portion (3b) comprises a first end; wherein the tubular portion (3b) connects to the membrane (4) at the first end of the tubular portion (3b); wherein the ultrasonic sensor (6) comprises a piezoelectric transducer and a wrap-around electrode; wherein the piezoelectric transducer comprises a first side and a second side, the second side of the piezoelectric transducer being disposed opposite the first side of the piezoelectric transducer; wherein the first side of the piezoelectric transducer is mounted to the membrane (4); wherein the wrap-around electrode comprises a first side and a second side, the second portion of the wrap-around electrode being disposed opposite the first portion of the wrap-around electrode.

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