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*[Continued on next page]*

**(54) Title:** SENSORY TRANSDUCER AND METHOD

**(57) Abstract:** A transducer including a housing; one or more pressure communicating configurations disposed within the housing; one or more selected pressure chambers in operable communication with the one or more pressure communicating configurations; an environmental chamber in operable communication with one or more of the one or more pressure communicating configurations; and a strain member secured to one or more of the one or more pressure communicating configurations and method.

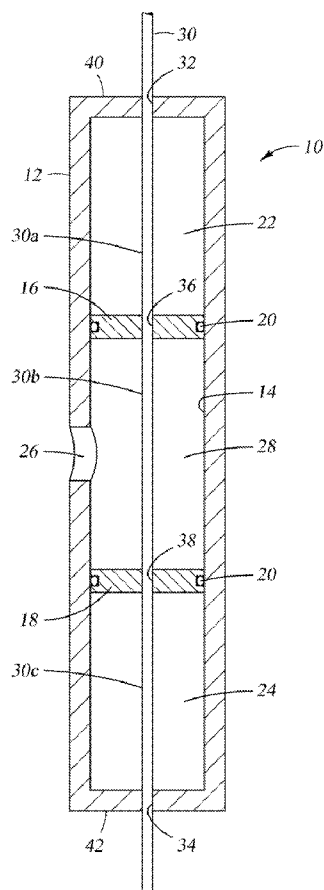


Fig. 1



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- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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**A. CLASSIFICATION OF SUBJECT MATTER***G01D 5/353(2006.01)i, G01L 11/02(2006.01)i, G01B 11/16(2006.01)i, G02B 6/34(2006.01)i, G02B 6/00(2006.01)i*

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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

G01D 5/353; G01J 1/04; G02B 6/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
eKOMPASS(KIPO internal) & "Keywords : transducer, pressure, communication, chamber, diaphragms and similar terms"**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category* | Citation of document, with indication, where appropriate, of the relevant passages      | Relevant to claim No.       |
|-----------|-----------------------------------------------------------------------------------------|-----------------------------|
| X         | US 2006-0062510 A1 (VIDAL, J.L.A. et al.) 23 March 2006<br>See the whole claims.        | 1,2,4,10-14,16-20<br>,22,23 |
| A         | US 2006-0034559 A1 (VIDAL, J. L. A. et al.) 16 February 2006<br>See the whole document. | 1-24                        |

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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