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(54) **Title:** GUIDE JACKET FORCE SENSOR

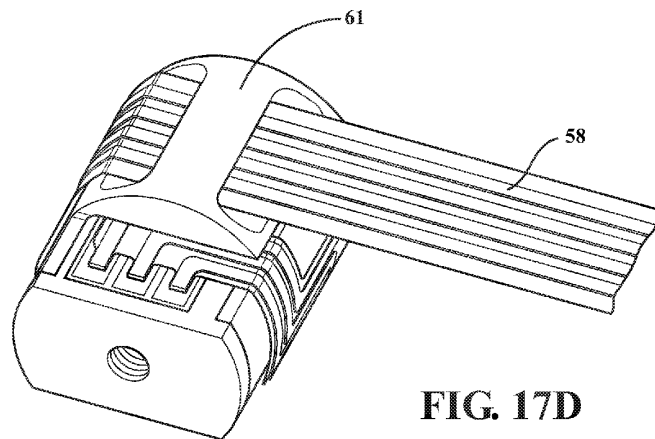


FIG. 17D

(57) **Abstract:** A load sensor is designed to be mounted on a continuous force-applying medium such as a cable so as to deform according to the force transmitted through the medium. The sensor includes a body having a longitudinal through-passage for the medium and is mechanically secured to the medium only at the opposite ends of the body. A lateral hole provides a strain concentration area with zones that are instrumented with strain gages. The sensor body can be enclosed to provide support for a wrap-around lead carrier.



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