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(54) Title: COMMUNICATION SYSTEM WITH MULTIPLE SOURCES OF POWER

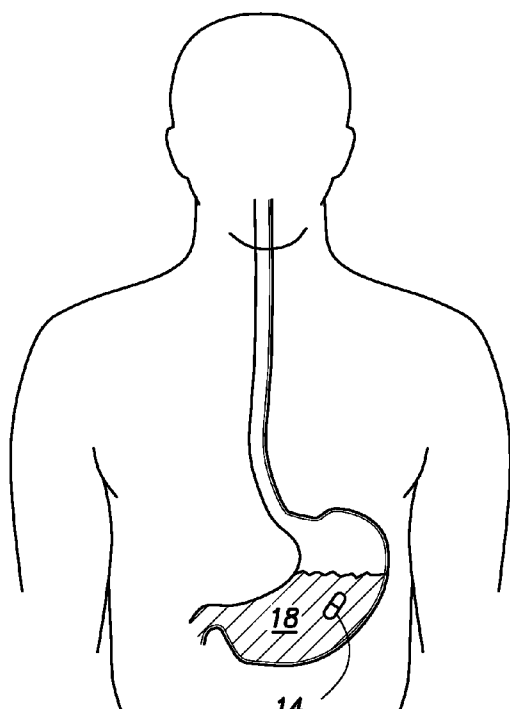


FIG. 1

(57) Abstract: The system of the present invention includes a conductive element, an electronic component, and a partial power source in the form of dissimilar materials. Upon contact with a conducting fluid, a voltage potential is created and the power source is completed, which activates the system. The electronic component controls the conductance between the dissimilar materials to produce a unique current signature. The system can also measure the conditions of the environment surrounding the system.



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