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(71) Applicant (for all designated States except US): **PURE TECHNOLOGIES LTD.** [CA/CA]; 3rd Floor, 705 - 11th Avenue, S.W., Calgary, Alberta T2R 0E3 (CA).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **PAULSON, Peter, O.** [CA/CA]; 320 Pumphill Gardens S.W., Calgary, Alberta T2V 4M7 (CA).

(74) Agent: **BLAKE, CASSELS & GRAYDON LLP**; 20th Floor, 45 O'Connor Street, Ottawa, Ontario K1P 1A4 (CA).

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(54) Title: APPARATUS AND METHOD TO LOCATE AN OBJECT IN A PIPELINE

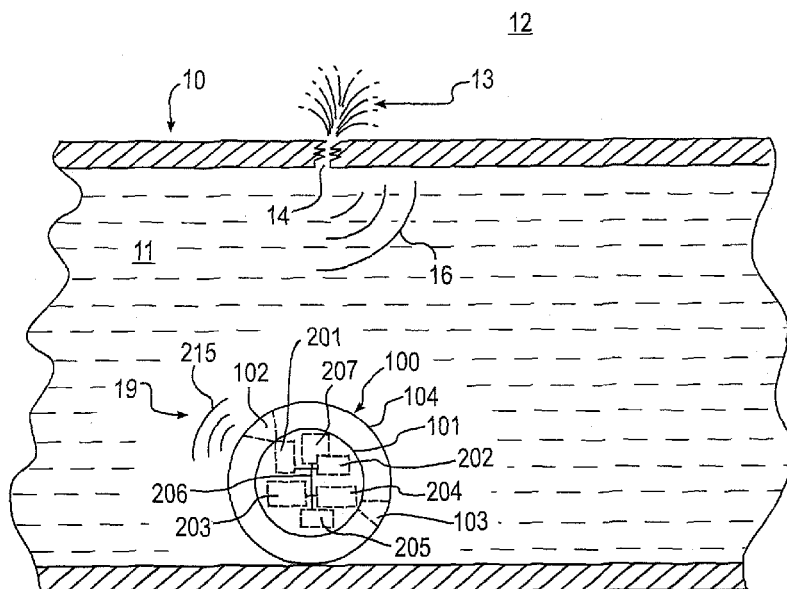


Fig. 1

(57) Abstract: Apparatus for locating an object in a pipeline, comprising a transmitting station having means for transmitting in the pipeline acoustic emissions having a frequency in the range from 20 KHz to 200 KHz; a receiving station having a receiver capable of receiving the acoustic emissions transmitted by the transmitting station; one of the receiving station and the transmitting station being located at a known position on the pipeline and the other of the receiving station and the transmitting station being located on the object; and clock means to determine the time taken for the acoustic emissions to travel between the transmitting station and the receiving station.



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