

ABSTRACT

5 A system for monitoring the flow of water
through a pipe. A pipe section is located in a
water supply line. The section which houses a
metering device includes a box-like section having a
cylindrical central portion which is integral with
the rear wall of a box defined by parallel vertical
10 front and back exterior walls and vertical upstream
and downstream walls interconnecting the front and
back walls. The box has upwardly and downwardly
facing openings. A transmitting unit including a
sensor is contained within a housing which has a
15 front vertical face, upper and lower brackets each
defined by a pair of spaced vertical struts project-
ing horizontally outwardly from the front vertical
face and having a selected width, and a pair of
vertical panels extending outwardly from the front
20 vertical face intermediate and integral with the
vertical struts. The box is located between the
brackets with the upper and lower openings of the
box adjacent the upper and lower brackets. A frame
projects horizontally outwardly from the front face
25 of the housing which includes the pair of vertical
panels, for mounting the sensor. The rear wall of
the box is located adjacent the frame. A clip
having an elongated band and a "U" shaped clasp at
either end has an inner clasp portion selectively
30 sized for insertion through a first opening of one
of the brackets and into an opening of the box
simultaneously engaging a locking bar and an inner
surface of the rear wall of the box, and an outer
catch portion for insertion through a second opening
35 to lockingly engage a catch surface of one of the
locking bars. The second opening is sized to



inhibit access to the free end of the outer catch portion when it is lockingly engaging a catch surface.

