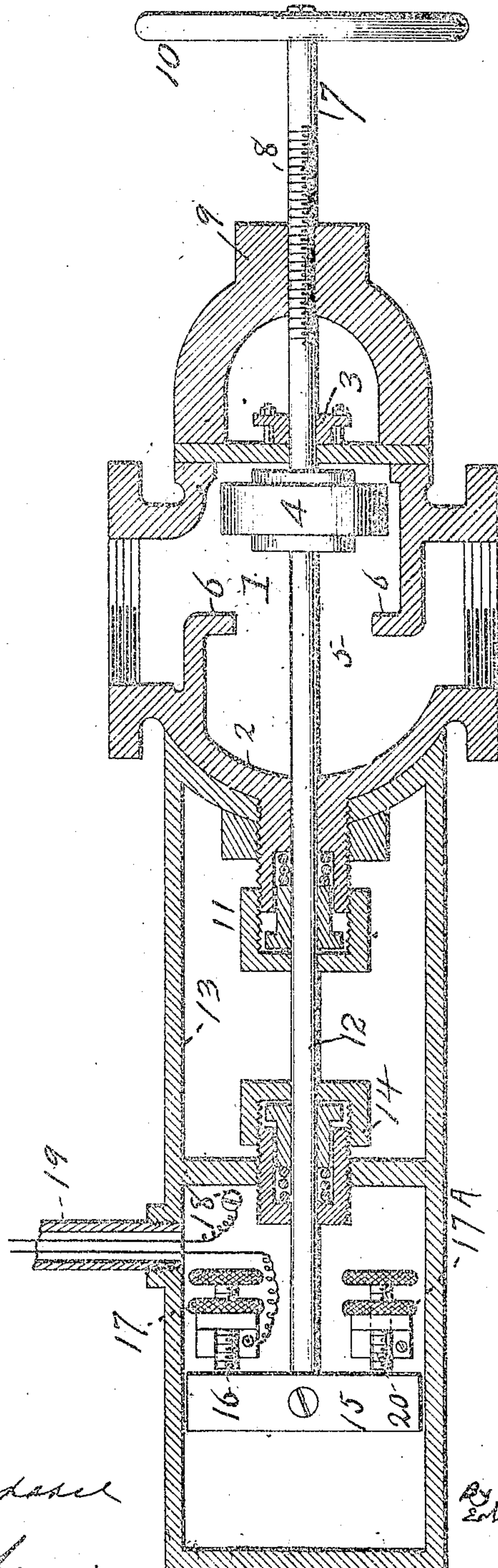


J. A. POCHÉ, DEC'D.
 (MRS.) MARY L. POCHÉ AND (MISS) MARIE L. POCHÉ, WIDOW AND HEIR.
 VALVE STARTER ALARM.
 APPLICATION FILED JULY 28, 1910.

992,139.

Patented May 9, 1911.



WITNESSES
T. L. Ketchum
E. L. Chapman

INVENTOR
Joseph A. Poché
 By *Edward P. Thompson*
 Attorney

UNITED STATES PATENT OFFICE.

JOSEPH A. POCHÉ, OF NEW ORLEANS, LOUISIANA; (MRS.) MARY LOUISE POCHÉ AND (MISS) MARIE LOUISE POCHÉ WIDOW AND HEIR OF SAID JOSEPH A. POCHÉ, DECEASED.

VALVE-STARTER ALARM.

992,139.

Specification of Letters Patent.

Patented May 9, 1911.

Application filed July 28, 1910. Serial No. 574,331.

To all whom it may concern:

Be it known that I, JOSEPH A. POCHÉ, a citizen of the United States of America, and resident of New Orleans, in the parish of Orleans and State of Louisiana, have invented certain new and useful Improvements in Valve-Starter Alarms, of which the following is a specification.

My invention relates to a valve starter alarm applicable especially to globe, gate, straightway vertical, straightway horizontal, back pressure valves.

The scope of invention is set forth in the claims hereinafter annexed.

In the drawing, the single figure is a horizontal section of the complete construction.

The essential elements composing the device which involves my conception are a valve chamber 1 having a boss 2, at the left side and a packing box 3 at the other side, a valve 4 in said chamber by which the port 5 may be closed when said valve is pressed upon the seat 6, a valve stem 7 extending through the packing box 3, and having a thread 8 extending through a support 9, by which the valve is propelled on turning the handle 10, on the stem 7, a second packing box 11, for the valve chamber on the boss 2, for an extension 12 of the stem to pass through into a compartment 13, a third packing box 14 at the other end of the compartment from the boss 2, for the extension to pass through, a circuit closer 15 at the outer end of said extension and movable back and forth with the valve stem, and a thumb screw contact 16, with a lock nut 17, in the path of the circuit closer for closing the circuit to ground at the binding post 18, the terminal wires entering by the tube 19. There is another contact 20, which may be used for an insulated circuit instead of or in conjunction with the ground at 18, and which is also in the path of the circuit closer.

The operation is simple. By turning the handle 10, to open the port 5, the alarm circuit is closed by the circuit closer 15, thereby preventing tampering with the valve. On closing the valve the circuit is again broken. To adjust the contacts 6 and 20 correctly, the valve should be opened wide, and then the contacts screwed against the circuit closer 15, and locked in that position by the lock nuts 17 and 17^A. The valve may then be closed. When it is opened again, the contacts are included in the alarm circuit.

I claim as my invention;—

1. In combination, a valve stem, a valve carried thereby, an extension of said stem, a packing box through which said extension passes, an electric circuit closer carried by said extension, and an electric contact in the path of said circuit closer, by which an electric circuit is closed when the valve is opened.

2. In combination, a valve chamber, a valve therein, a stem for the valve, a packing box through which said stem passes, a thread on said stem, a support through which passes said thread, an extension from the stem, a second packing box through which said extension passes, a second chamber 13 screwed to the valve chamber for receiving said extension, a third packing box through which said extension passes from said chamber 13, a circuit closer carried by said extension, and an electric contact in the path of said circuit closer by which an electric circuit may be closed on opening said valve, and broken should any attempt be made to close the valve.

JOSEPH A. POCHÉ.

Witnesses:

FELIX J. DREYFOUS,
JOSEPH L. WEISS.