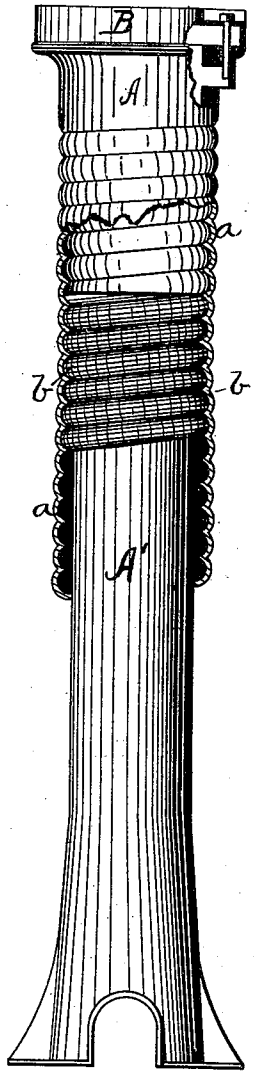
A. W. MORGAN.

PIPES FOR STREET GAS AND WATER STOP-COCK BOXES.

No. 193,827. Patented Aug. 7, 1877.



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UNITED STATES PATENT OFFICE.

AMOS W. MORGAN, OF BUFFALO, NEW YORK.

IMPROVEMENT IN PIPES FOR STREET GAS AND WATER STOP-COCK BOXES.

Specification forming part of Letters Patent No. **193,827**, dated August 7, 1877; application filed June 20, 1877.

To all whom it may concern:

Be it known that I, AMOS W. MORGAN, of Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Pipes for Street Gas and Water Stop-Cock Boxes, of which the following is a specification:

The object of this invention is to regulate the height of the water or gas stop-cock box, and keep it level with the sidewalk; and the invention consists in forming the two pipes of the box with screw-threads, one pipe turning up or down over the other, so as to readily raise or lower the box, as hereinafter more fully described.

In the drawing the figure represents a front elevation, partly in section.

A represents the upper pipe, (having the stop-cock box B at the top,) and formed with a spiral thread or screw, *a a*, and turning on corresponding spirals or threads *b b*, formed on the upper portion of the inner or lower pipe A′, as shown.

These spirals are cast on or with the pipes, and are intended to take the place of the plain pipes now used, one of which sets over the other, and is held at a suitable height by having holes in the inside pipe, and the upper one held by a pin passed through. The disadvantage of this is, that being set in the ground, when the frost upheaves the box or lowers it, it is difficult to get at the pin to set it again higher or lower.

By my device a simple turn (by taking hold of the box) either way will regulate the height and keep the box level with the sidewalk, or below, as desired. The flange on the bottom of the pipe A′ prevents it tipping sidewise.

I am not aware that casting a screw-thread (or spirals that fit over each other and work like a screw) on iron pipes has ever been done.

I claim—

In connection with street gas and water boxes, the pipes A A′, constructed or cast with the spirals or screw-threads *a a*, one pipe turning on the other, for the purpose of making them adjustable, substantially as specified.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

AMOS W. MORGAN.

Witnesses:

J. R. DRAKE,

T. H. PARSONS.