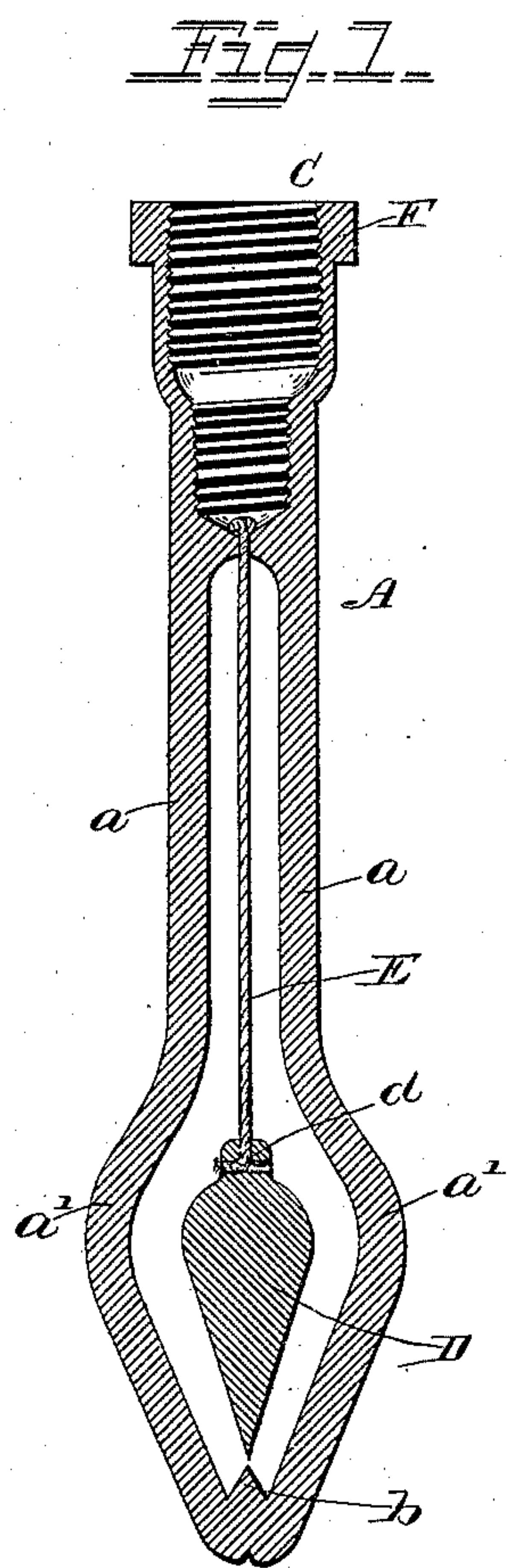


(No Model.)

J. J. LAWLER.  
PLUMB BOB FOR GAS FITTINGS.

No. 331,144.

Patented Nov. 24, 1885.



WITNESSES.

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# UNITED STATES PATENT OFFICE.

JAMES J. LAWLER, OF SCRANTON, PENNSYLVANIA.

## PLUMB-BOB FOR GAS-FITTINGS.

SPECIFICATION forming part of Letters Patent No. 331,144, dated November 24, 1885.

Application filed March 16, 1885. Serial No. 159,062. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES J. LAWLER, a citizen of the United States of America, residing at Scranton, in the county of Lackawanna and State of Pennsylvania, have invented certain new and useful Improvements in Plumb-Bobs for Gas-Fittings, of which the following is a specification, reference being had therein to the accompanying drawing.

10 The object of my invention is to introduce to public use a suitable plumbing device to enable plumbers or gas-fitters to suspend an ordinary gas-pipe "drop" or chandelier depending from the ceiling of a room in a perfectly vertical position; and it consists in a  
15 metallic frame having in connection therewith two or more different-sized tubes having female screw-threads therein adapted for reception of screw-threaded gas-pipes of corresponding size, and a plumb-bob suspended in the  
20 frame centrally by a cord secured in the tube at the top of the frame, substantially as hereinafter more fully set forth and claimed.

In the accompanying drawing the figure is  
25 a vertical sectional view of my invention.

In the embodiment of my invention I construct the metallic frame A with parallel side bars *a*, which bars are curved and widened at  
30 *a'* near their lower portion to correspond to the shape of the plumb-bob. At the lower portion of the frame A there is provided a vertical and pointed projection, *b*, which is designed to register with the point of the plumb-bob D.

35 The tubular chamber C, which is integral with the frame A, consists of two or more threaded tubes of dissimilar diameter, which are designed and constructed to enable the device to be secured to gas-pipes without re-  
40 gard to the size thereof.

D represents an ordinary plumb-bob, provided with a small cap, *d*, having apertures for reception of the suspending cord E, which is secured to cap *d*. The other end of said  
45 cord is passed through a small aperture opening into chamber C, and is secured therein by ordinary means.

In arranging gas-fixtures in newly-constructed and other buildings the work of  
50 hanging chandeliers and other pendent burner

gas-fixtures in a precisely vertical or perpendicular line has hitherto been accomplished only with the greatest difficulty, and even then but seldom, owing to the absence of means of ascertaining when the "pendant" is  
55 in a precisely vertical position. In overcoming this difficulty I provide the tubular chamber C with female screw-threads of different sizes to fit correspondingly-sized screw-threads of gas-pipes. By applying by screw-  
60 ing my invention to the screw-threaded end of a gas pipe the plumb-bob D will naturally hang by means of its cord E in a perfectly vertical position, and if the pipe to which it is attached should then be otherwise than in  
65 a straight position the same will be immediately indicated and the evil remedied. When the pipe is properly "plumbed," the plumb-bob D will hang directly over the projection *b* of the bars *a*. The extreme upper  
70 end of the frame A has a polygonal periphery, F, to permit of the use of a wrench in securing the plumb-bob to the end of the gas-pipe to which the chandelier is to be attached.

If the gas-pipe to be plumbed has a thread  
75 incorrectly cut, as often happens, on the end to which the chandelier is to be attached, by use of my invention the same may be immediately detected and remedied.

Having thus fully described my invention, 80 what I claim, and desire to secure by Letters Patent, is—

1. A plumbing device for gas-fitters, consisting of a frame, A, having a projection, *b*, and a tubular chamber, C, having different-  
85 sized screw-threads, and the plumb-bob D, and cord E, substantially as shown and described.

2. A plumbing device for gas-fitters, having a tubular chamber provided with different-  
90 sized screw-threads having a cord, E, secured therein, plumb-bob D, and frame A, having a projection, *b*, substantially as shown, and for the purpose specified.

In testimony whereof I affix my signature in  
95 presence of two witnesses.

JAMES J. LAWLER.

Witnesses:

T. WATSON,

JAS. H. TORREY.