

O. C. MEADOWS.  
SMOKE BELL HANGER.  
APPLICATION FILED JAN. 6, 1909.

920,599.

Patented May 4, 1909.

Fig. 1.

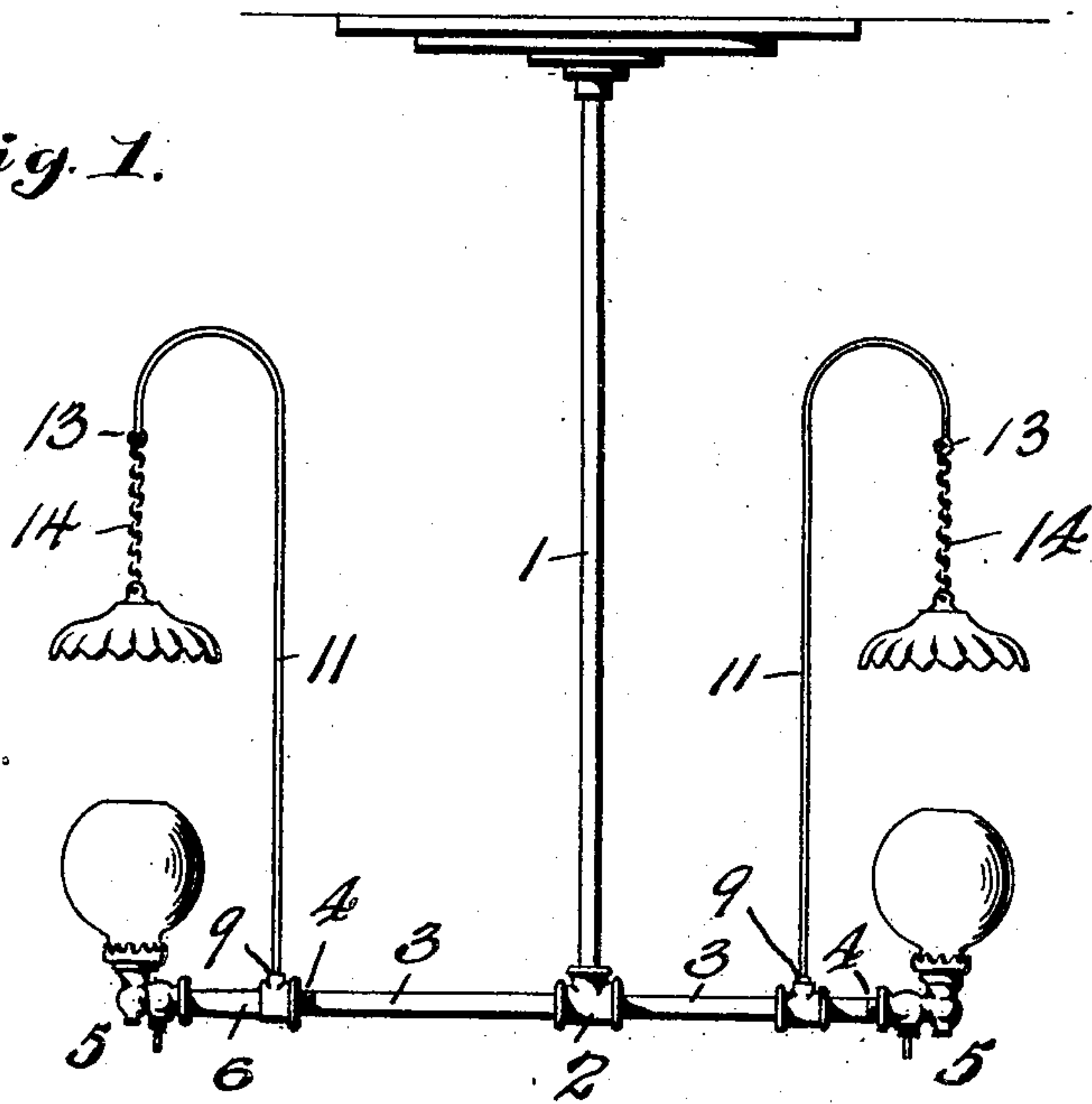


Fig. 2.

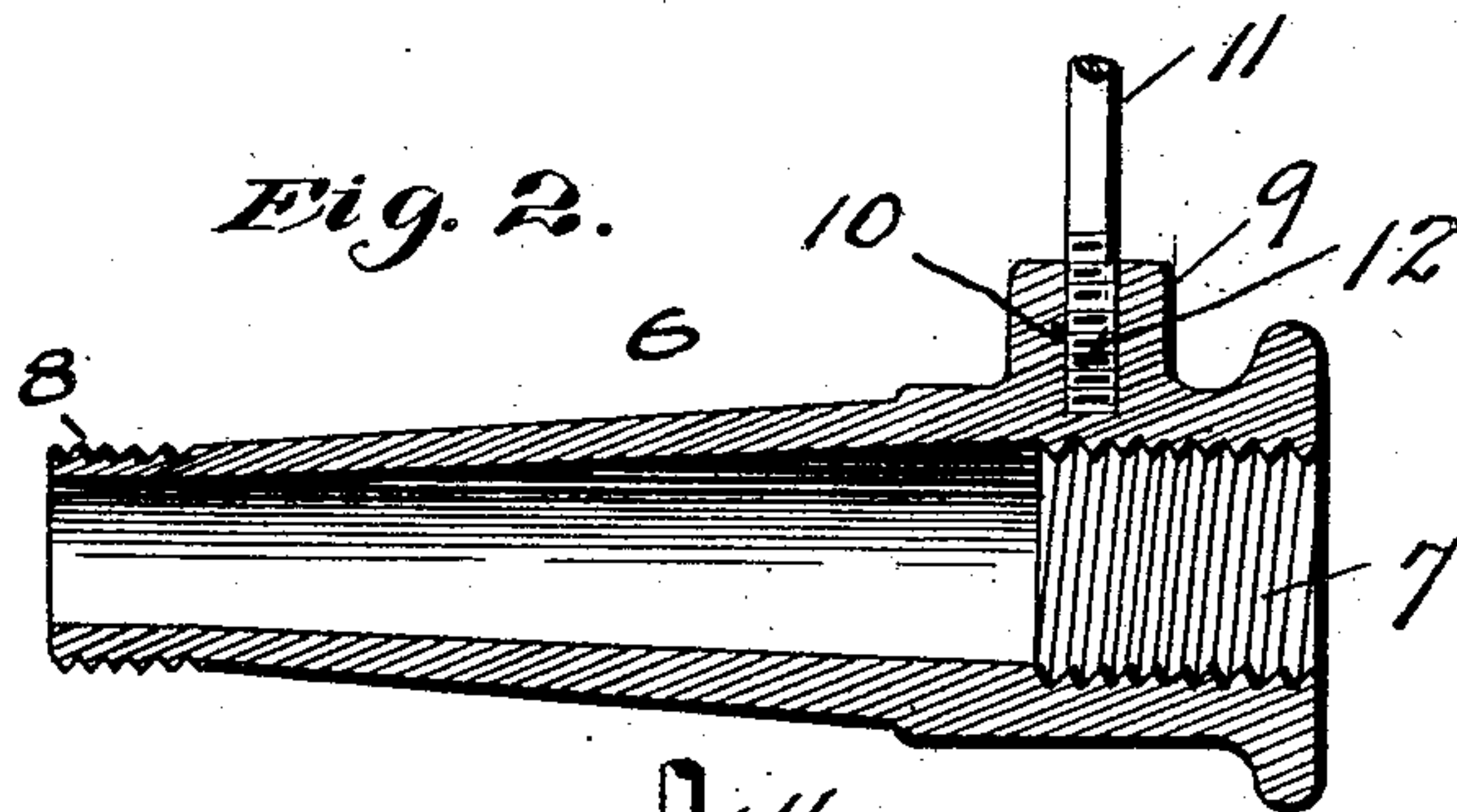
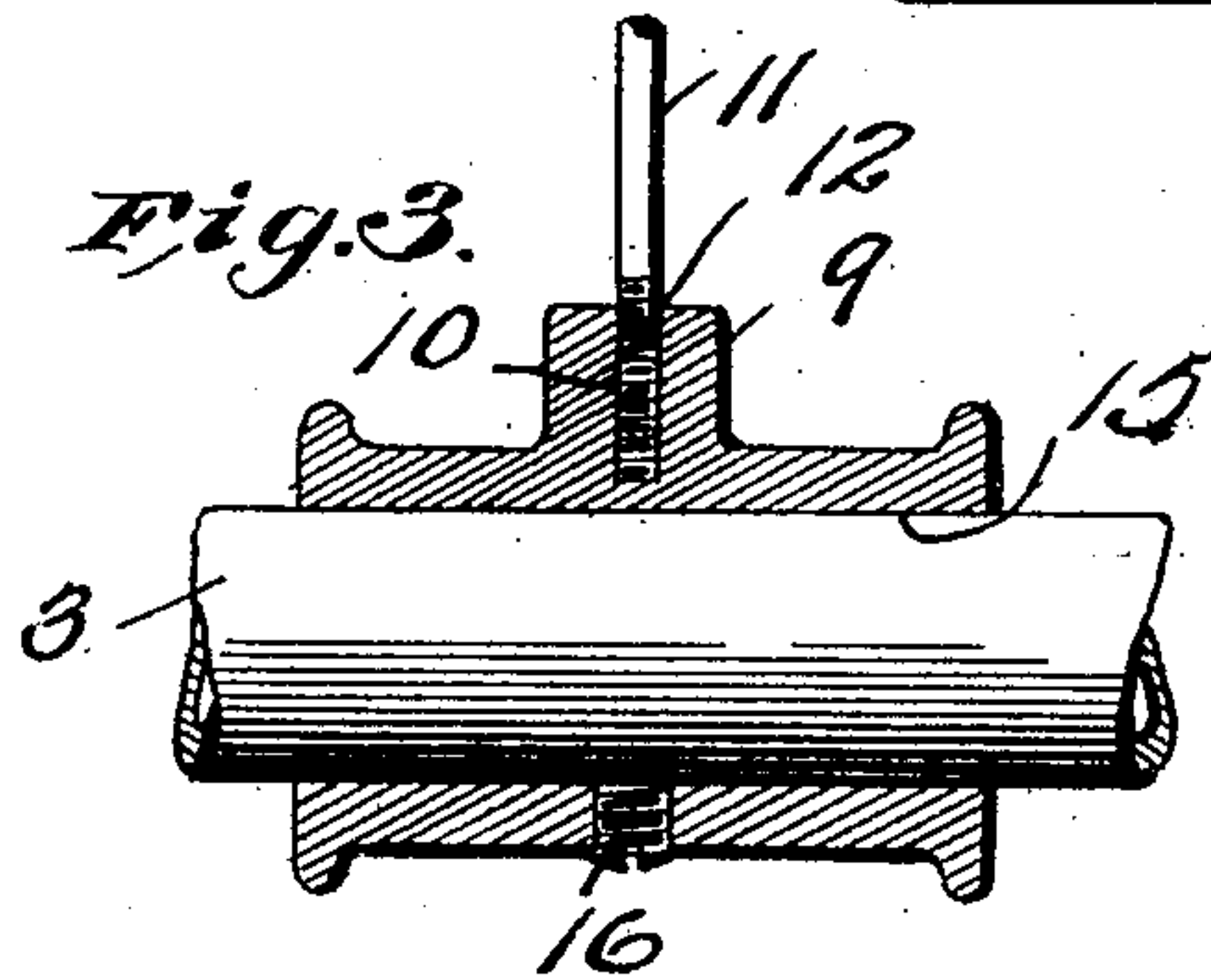


Fig. 3.



WITNESSES

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## SMOKE-BELL HANGER.

No. 920,599.

Specification of Letters Patent.

Patented May 4, 1909.

Application filed January 6, 1909. Serial No. 470,940.

*To all whom it may concern:*

Be it known that I, OLIVER C. MEADOWS, a citizen of the United States, residing at Ashland, in the county of Boyd and State of Kentucky, have invented certain new and useful Improvements in Smoke-Bell Hangers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The object of my invention is the provision of a cheap and durable means for supporting a so-called bell or shield above gas and other flames to prevent the smoke and unconsumed products of combustion from arising and coming in contact with the ceiling or other surface above the flame and discoloring or injuring the same, and especially the provision of such a device as can be applied to the arms of chandeliers and burner supporting brackets already in use and without removing or refashioning the same.

My invention consists in certain novelties of construction and combinations of parts as hereinafter set forth and claimed.

The accompanying drawing illustrates two examples of the physical embodiment of the invention constructed according to the best modes I have so far devised for the practical application of the principle.

Figure 1 is a view of a chandelier with the arms provided with my novel means for supporting the smoke bells. Fig. 2 is a sectional view of one form of the pipe section which forms a part of the device. Fig. 3 is a sectional view of another form of pipe section secured to an arm of the chandelier.

Referring to the several figures, the numeral 1 designates the gas conducting pipe and hanger, suitable means being provided for attaching the same to a gas supply pipe at the ceiling; 2, a T connection at the lower end of the gas conducting pipe; 3, 3, two horizontal arms or brackets detachably secured to the T connection by screw threads; 4, 4, the threaded ends of the arms, (the same, being of well known construction, are not shown); and 5, 5, the gas burners and stop-cocks or valves, each being internally threaded and adapted to be screwed upon the threaded end 4 of an arm, as well known and indicated at the right in Fig. 1.

The first example of the invention shown applied to the left arm of the chandelier comprises a pipe section 6 internally threaded at 7 for attachment to the threaded end 4 of an arm, an externally threaded end 8 adapted to receive and support a gas burner and stop-cock 5, as shown, an integral projecting boss 9 having a threaded hole 10, a U-shaped rod 11 threaded at 12 and adapted to be screwed into the hole 10 of the boss and its extreme or free end provided with a hook or eye 13 for the attachment of a chain 14 carrying a smoke bell or shield, as illustrated. This form of the device is applied to bracket and chandelier arms, as shown at the left in Fig. 1, by removing the burner and stop-cock, screwing the pipe section 6 upon the end of the arm, then screwing the burner and stop-cock upon the end of the said pipe section 6, and finally screwing end 12 of the U-shaped rod into the hole 10 in the boss 9 and attaching the smoke bell or shield to the hook or eye at the end of the U-shaped rod.

The second example comprises a pipe section having a hole 15, a set-screw 16, a boss 9 with a threaded hole 10 and the U-shaped rod threaded at 12 as described in connection with the first example. This form of the device is applied, as shown at the right in Fig. 1, by unscrewing the burner and stop-cock from the end of the arm, passing the pipe section over the end of the arm, replacing the burner and stop-cock on the end of the arm, adjusting the smoke bell or shield by sliding the pipe section along the arm so it will occupy a vertical position above the burner, and finally turning the set-screw 16 and clamping the pipe section to the arm.

From the foregoing description taken in connection with the drawing it is clear that I have provided a very simple means for hanging a smoke bell or shield above a burner and which can be applied to the arms of chandeliers and bracket arms now in use without reforming or removing the same.

What I claim is:

1. The combination with a chandelier or bracket arm, of a smoke bell hanger secured thereto, and comprising a pipe section internally threaded at one end and externally threaded at the other end, having a boss 9 with a threaded hole 10, and a U-shaped rod



having one end threaded and seated within the hole 10 and the other end provided with a hook, for supporting a smoke bell.

5 2. A smoke bell hanger consisting of a pipe section threaded at the ends, a U-shaped rod at one end secured to said pipe section and at the other and free end provided with a smoke bell; said pipe section at one end being adapted to fit the threaded

end of a gas bracket arm and at the other 10 end to receive a threaded gas stop-cock and burner.

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

OLIVER C. MEADOWS.

Witnesses:

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D. W. GALL.