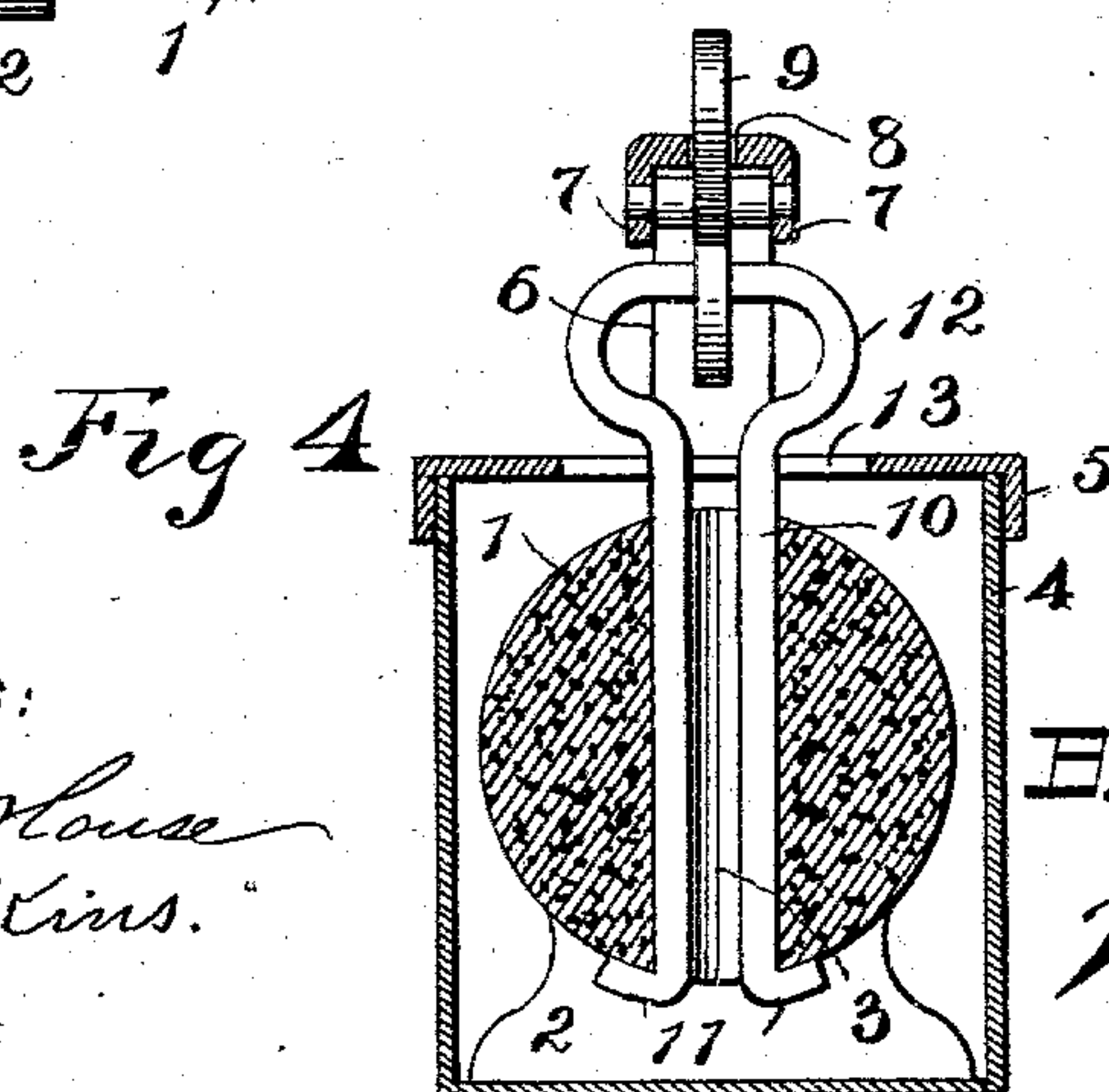
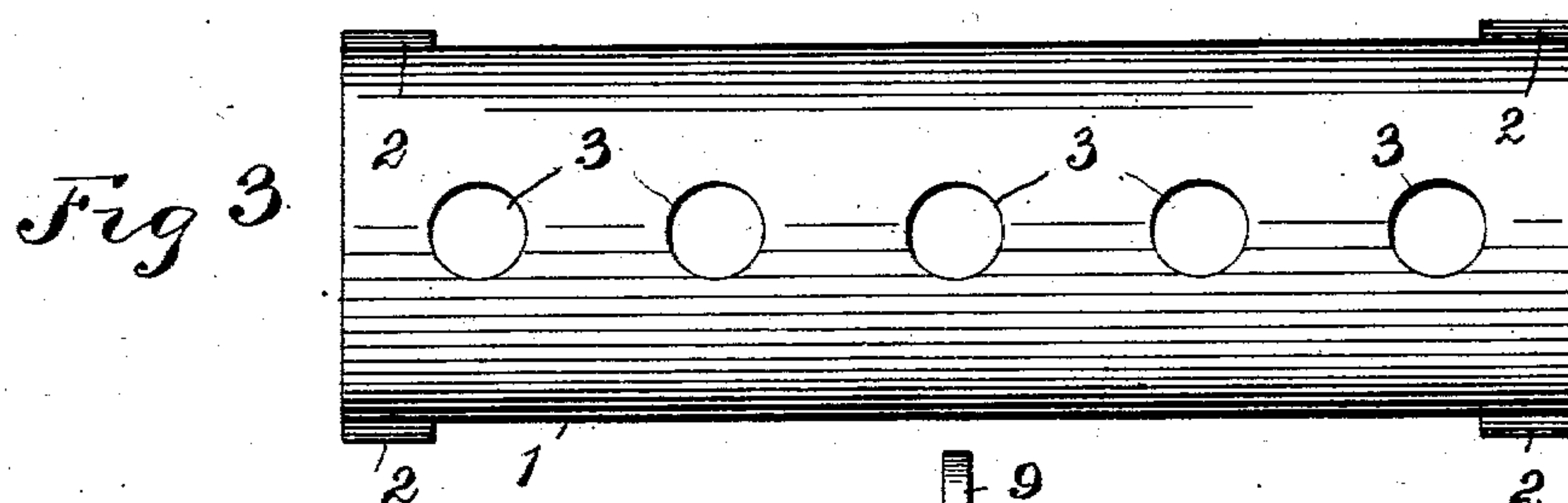
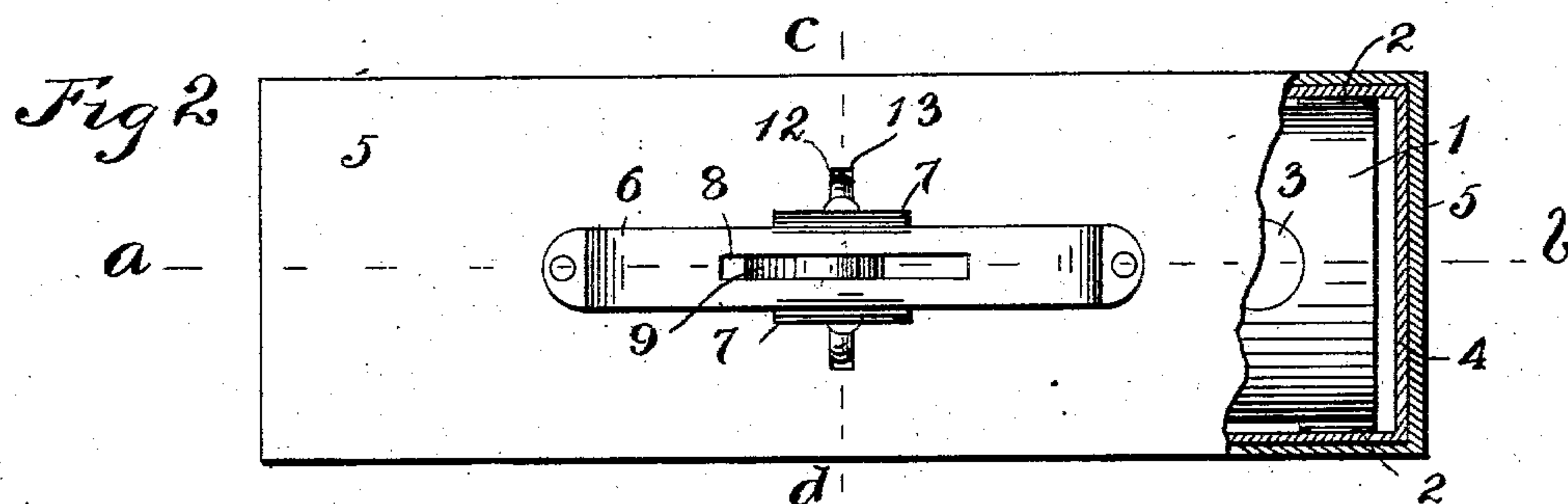
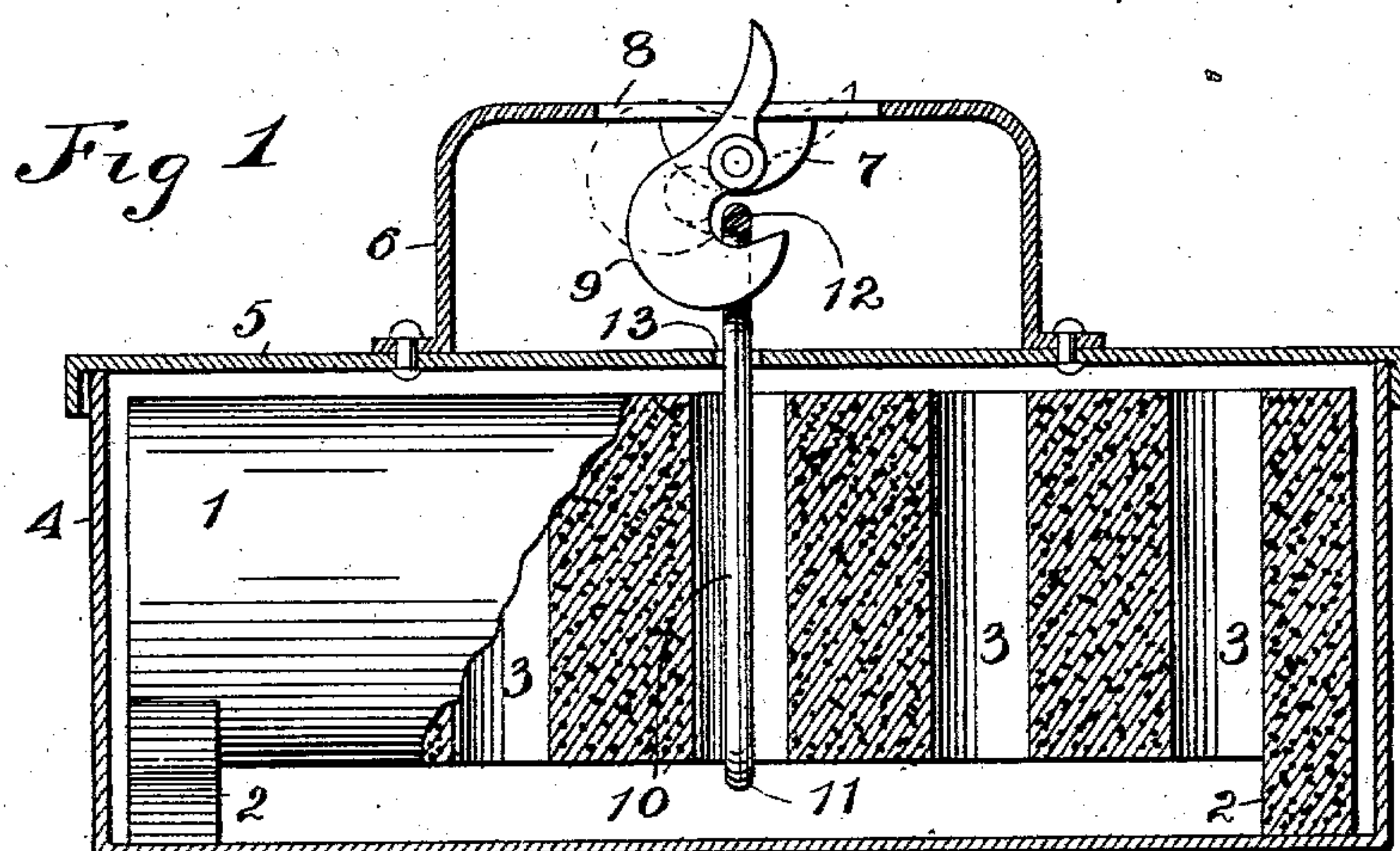


No. 730,395.

PATENTED JUNE 9, 1903.

**B K. PICKERILL.**  
**OIL BURNING DEVICE.**  
**APPLICATION FILED OCT. 25, 1902.**

NO MODEL.



**WITNESSES:**

R. H. House  
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INVENTOR,  
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BY  
*Warren D. House,*  
His ATTORNEY



# UNITED STATES PATENT OFFICE.

BERT K. PICKERILL, OF KANSAS CITY, KANSAS, ASSIGNOR, BY MESNE ASSIGNMENTS, OF ONE-HALF TO WILLIAM H. FISHER, OF RICHHILL, MISSOURI.

## OIL-BURNING DEVICE.

SPECIFICATION forming part of Letters Patent No. 730,395, dated June 9, 1903.

Application filed October 25, 1902. Serial No. 128,754. (No model.)

*To all whom it may concern:*

Be it known that I, BERT K. PICKERILL, a citizen of the United States of America, residing in Kansas City, in the county of Wyandotte and State of Kansas, have invented a new and useful Improvement in Oil-Burning Devices, of which the following is a specification, reference being had therein to the accompanying drawings, forming a part thereof.

My invention relates to improvements in oil-burning devices.

The object of my invention is to provide a device capable of absorbing fuel-oil that may be first immersed in the said oil and then placed in a stove or other suitable receptacle and there ignited, the flame resulting from the burning oil being utilized for the purpose of cooking or heating.

A further object of my invention is to provide a novel mechanism by means of which the oil may be absorbed and the absorbent body carried to and from the place where it is to be used without danger of spilling oil during the passage.

My invention provides, further, a casing adapted to contain the oil in which the absorbent body is immersed preparatory to its use in the stove, a covering for the casing, and releasable means for securing the cover to the absorbent body.

Other novel features of construction are hereinafter fully described and claimed.

In the accompanying drawings, which illustrate my invention, Figure 1 is a longitudinal vertical sectional view taken on the dotted line *a b* of Fig. 2. Fig. 2 is a top view with a portion of the cover removed by breaking away. Fig. 3 is a top view of the absorbent body removed from the casing, the supporting device being removed. Fig. 4 is a cross-section taken on the dotted line *c d* of Fig. 2.

Similar characters of reference indicate similar parts.

1 indicates the absorbent body, preferably of absorbent material, such as clay tiling, sandstone, &c. The body 1 is preferably cylindrical in its general shape and is provided at its ends with legs 2, extending downwardly from its lower side. It is provided also with a series of upwardly-extending holes 3 for conveying air through the body

from the under side thereof. A casing 4, of any desirable shape and shown as rectangular in the drawings, is adapted to contain oil in which the absorbent body 1 is immersed prior to the body being used. The open top of the casing 4 is provided with a detachable cover 5, preferably having flanges on its sides for embracing the upper end of the casing. A handle 6 is provided on the top of the cover to which it is secured. The said handle is preferably of an inverted-U shape, the horizontal portion of which is provided with two downwardly-extending ears 7 and a slot 8 between the two ears to receive therein a catch 9, pivoted between the two ears 7 by any desirable means.

The body 1 has inserted in the central hole 3 a supporting device 10, comprising a bent wire, the lower ends of which at 11 are bent outwardly to prevent the extraction of the device. The upper end of the device 10 is formed into an eye 12, adapted to be inserted through a slot 13 in the cover and be releasably engaged by the catch 9 when so inserted.

In operating my invention the body 1 is placed in the casing 4, which has previously been supplied with a fuel-oil, such as coal-oil. The cover 5 is then placed on the casing, with the hook or catch 9 engaging the eye 12. When it is desired to use the body 1, the cover is lifted from the casing 4, and the catch 9, being engaged with the eye 12, will cause the body 1 to be raised also. The cover 5 is then inverted, so as to place the body 1 above the cover, which will in this position catch such few drops of oil as may drip from the surface of the body 1. The body 1 is then inserted in the stove or place of use, after which the cover is detached therefrom by moving the catch 9 to the position shown in dotted lines in Fig. 1. The body 1 then has a lighted match applied to it, after which it will continue to burn fiercely for a considerable length of time. When it is again desired to immerse the body 1 in the oil in the casing, the cover is applied to the body and the support 10 slipped through the slot in the cover and engaged by the catch 9. The body, with the cover, may then be carried to the casing and the body placed in the oil, with cover in place on the



casing ready for use and preventing access of extraneous matter into the casing 4.

My invention is one which can be operated with perfect safety and without danger of  
5 soiling the floor or carpet, and when the absorbent body is not in use it is securely protected from dirt.

My invention may be modified in many ways without departing from its spirit.

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

1. In an oil-burning device, the combination with an absorbent body, of a casing there-  
15 for, a removable cover for the casing, and releasable means for securing the absorbent body to the said cover, substantially as described.

2. In an oil-burning device, the combination with an absorbent body, of a casing there-  
20 for, a removable cover for the casing, a hook carried by the said cover, and a device mounted on the absorbent body and adapted to releasably engage the said hook, substantially  
25 as described.

3. The combination, in an oil-burning device, with an absorbent body, of a casing therefor, a removable cover for the casing, and a releasable catch mechanism for secur-  
30 ing the cover to the said absorbent body, substantially as described.

4. In an oil-burning device, the combination with an absorbent body, of a casing therefor, a removable cover for the casing provided with a handle, a releasable catch mounted  
35 on the said handle, and a device carried by the absorbent body and adapted to engage the said catch, substantially as described.

5. In an oil-burning device, the combination with an absorbent body provided with a supporting device, of a casing for the said  
40 body, a cover for the said casing provided with a handle and having a slot adapted to receive therethrough the said supporting device, and releasable means for securing the cover to the said supporting device, substan-  
45 tially as described.

6. In an oil-burning device, the combination with an absorbent body provided with a supporting device, of a casing for the said  
50 body, a cover for the said casing provided with a handle and a slot adapted to receive therethrough the said supporting device, and a pivoted catch carried by the cover and adapted to releasably engage the said sup-  
55 porting device, substantially as described.

7. In an oil-burning device, the combination with an absorbent body provided with a supporting device, of a casing for the said  
60 body, a cover for the said casing, and a releasable catch pivotally mounted on the cover and adapted to engage the said supporting device, substantially as described.

8. In an oil-burning device, the combination with an absorbent body provided with a supporting device having an eye, of a casing  
05 for the said body, a cover for the said casing, and a movable catch carried by the cover and adapted to releasably engage the eye of the supporting device, substantially as described. 70

9. In an oil-burning device, the combination with an absorbent body provided with a supporting device, of a casing for the said  
75 body, a cover for the said casing provided with a handle and a slot adapted to receive therethrough the said supporting device, and a catch pivoted to the said handle and adapted to releasably engage the said supporting device when the same is inserted through the  
80 said slot, substantially as described.

10. In an oil-burning device, the combination with an absorbent body provided with a supporting device, of a casing for the said  
85 body, a cover for the said casing provided with a handle having two ears and a slot between the two ears, the cover having also a slot adapted to receive therethrough the said supporting device, and a catch pivoted between the said two ears and located in the  
90 said slot in the handle and adapted to releasably engage the said supporting device when the same is inserted through the slot in the cover, substantially as described.

11. In an oil-burning device, the combination with an absorbent body provided with a supporting device provided with an eye, of a casing  
95 for the said body, a cover for the casing provided with a slot adapted to receive therethrough the said supporting device and provided also with a handle of an inverted-U-shaped form, the horizontal portion of the  
100 handle having two downwardly-projecting ears and a slot located between the two ears, and a catch pivoted between the two ears and located in the slot in the handle and adapted  
105 to releasably engage the eye of the said supporting device when the said device is inserted through the slot in the cover, substantially as described.

12. In an oil-burning device, the combination with an absorbent body provided with a vertical hole therethrough, of a supporting  
110 device located in the said hole and extending above the body to which it is secured, of a casing for the body, a cover for the casing, and releasable means carried by the cover for engaging the said supporting device, substan-  
115 tially as described.

In testimony whereof I have signed my name to this specification in presence of two  
120 subscribing witnesses.

BERT K. PICKERILL.

Witnesses:

WARREN D. HOUSE,  
J. E. CHANDLER.