

No. 610,556.

Patented Sept. 13, 1898.

A. McQUARRIE.
CUSPIDOR AND ATTACHMENT.

(Application filed June 12, 1897.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 1.

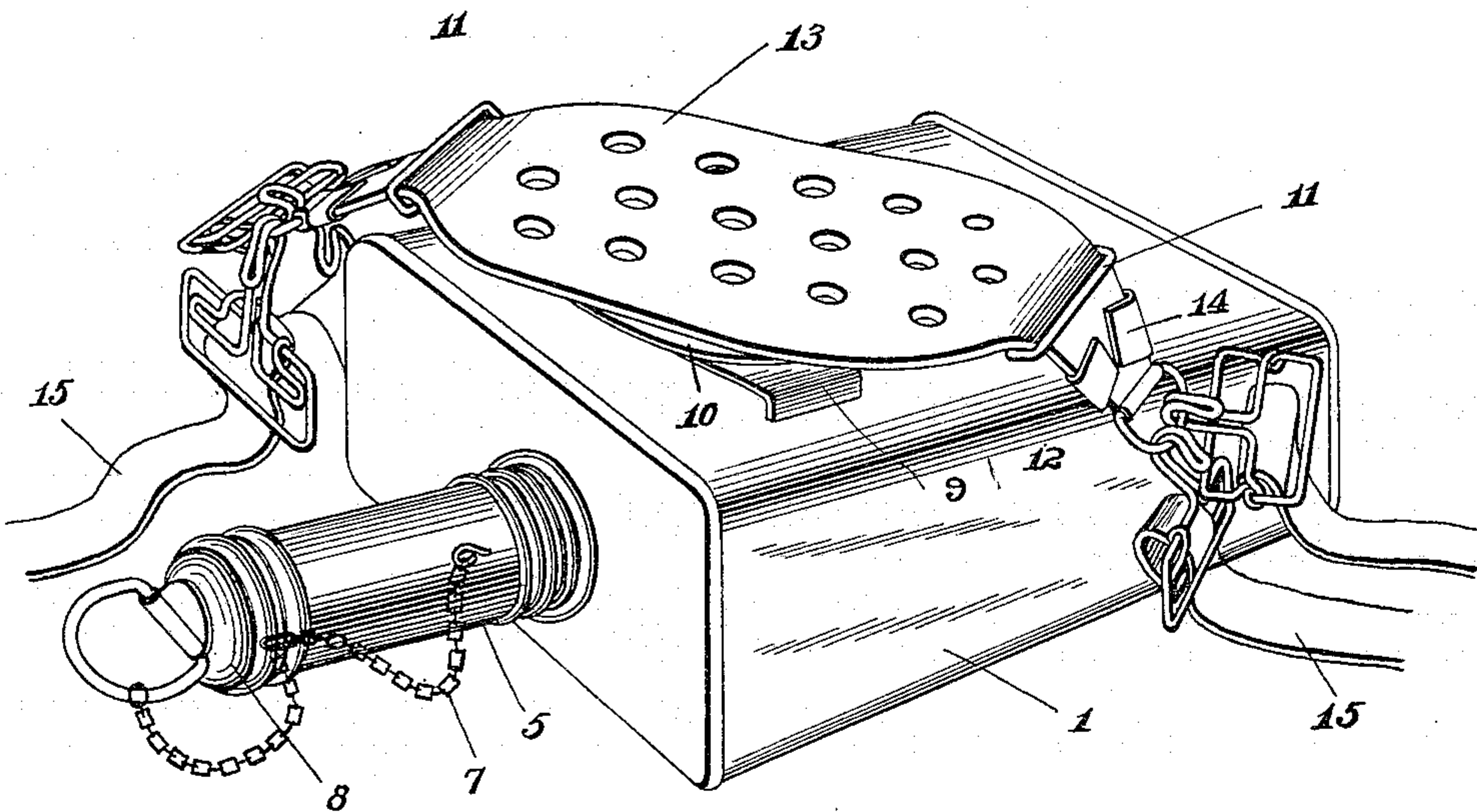
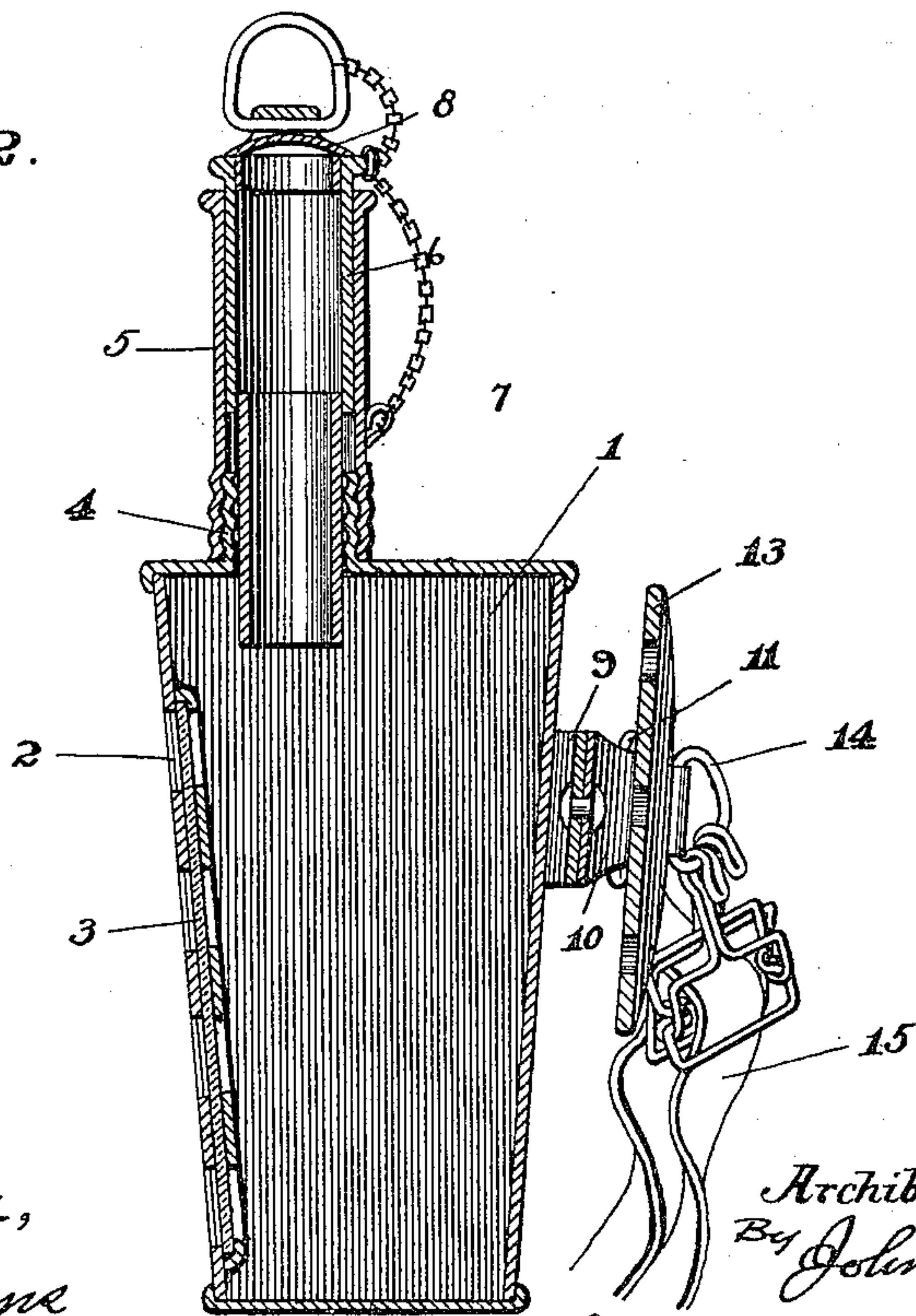


Fig. 2.



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2 Sheets—Sheet 2.

Fig. 3.

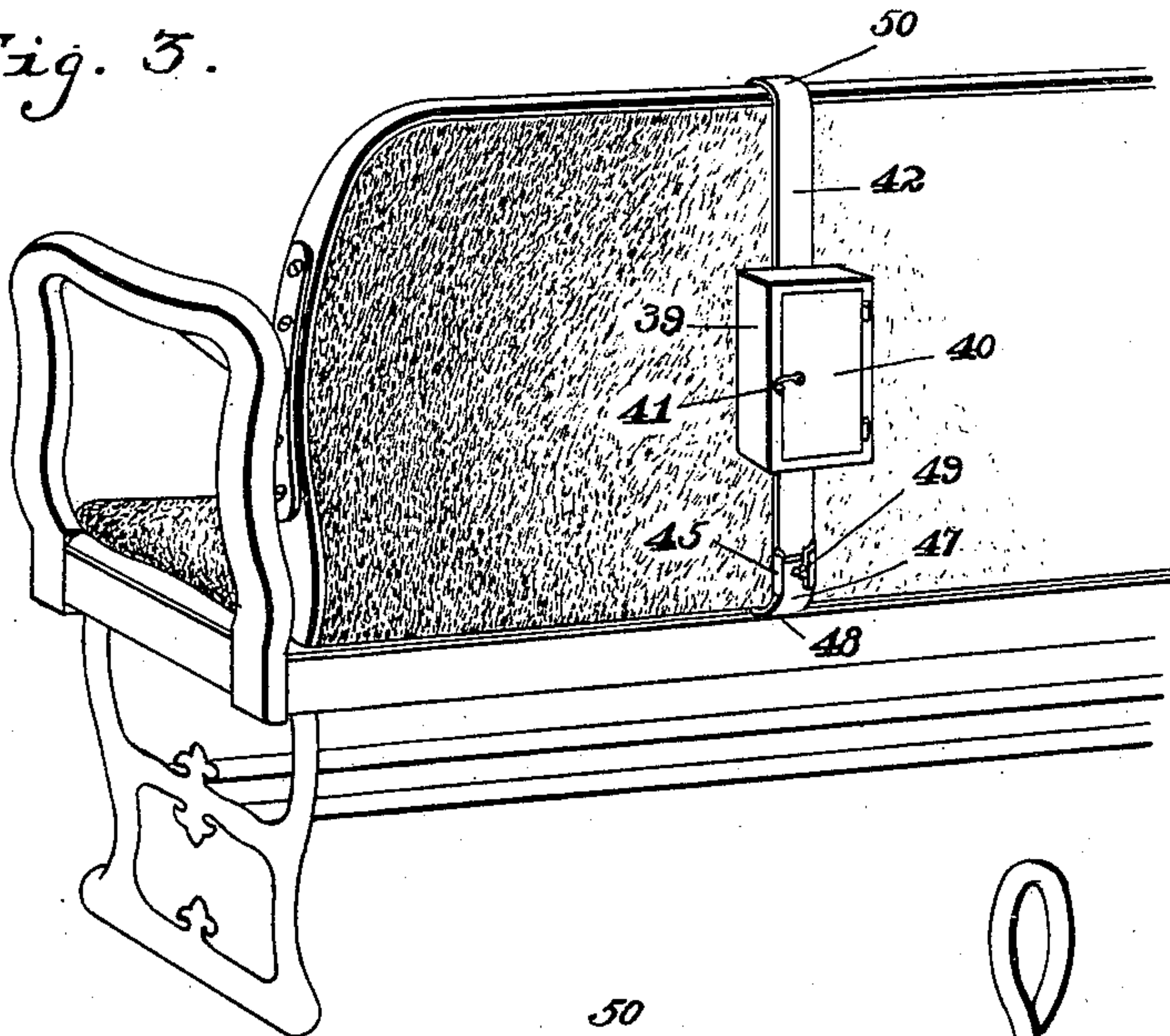


Fig. 4.

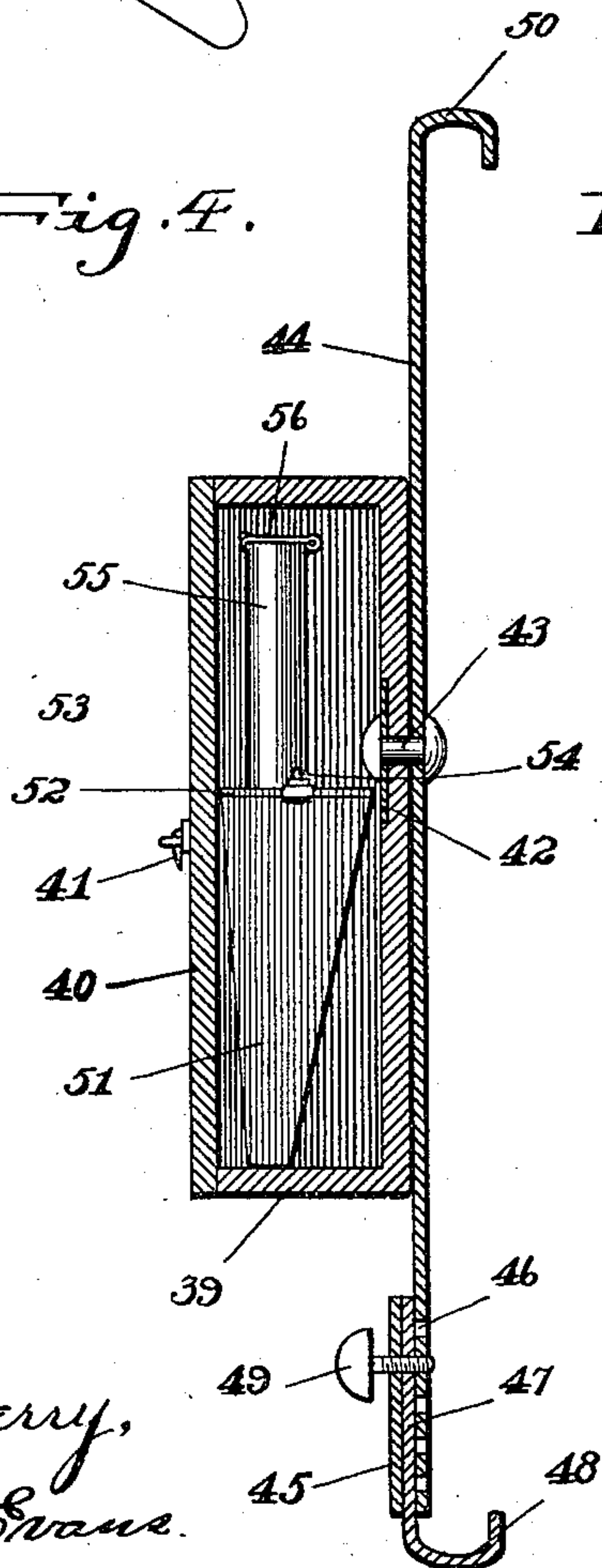
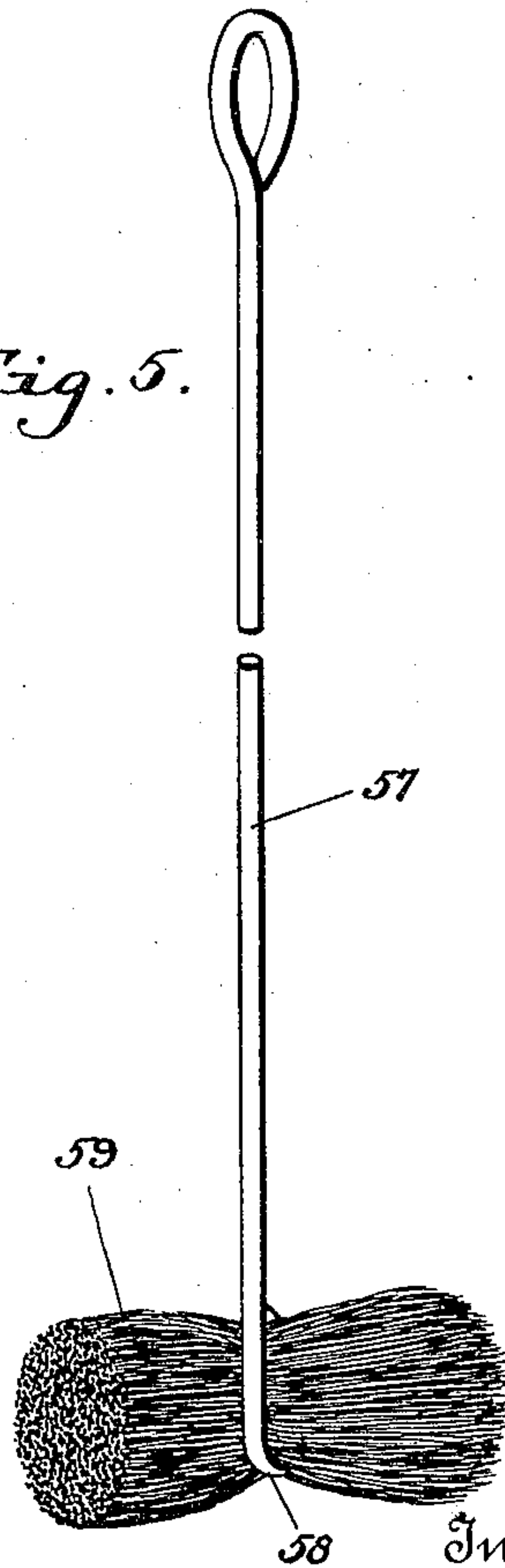


Fig. 5.



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UNITED STATES PATENT OFFICE.

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CUSPIDOR AND ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 610,556, dated September 13, 1898.

Application filed June 12, 1897. Serial No. 640,447. (No model.)

To all whom it may concern:

Be it known that I, ARCHIBALD McQUARRIE, of Buffalo, in the county of Erie and State of New York, have invented certain new and
5 useful Improvements in Cuspidors and Attachments; 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
10 make and use the same.

This invention relates to cuspidors and attachments therefor; and it consists of a cuspidor having an extensible neck and adapted to be closed within a receptacle or supported
15 on a party or in the clothing of a person.

The invention further consists of the details of construction and arrangement of the several parts, which will be more fully hereinafter described and claimed.

20 The object of the invention is to construct a cuspidor and flask therefor with a telescopic neck or tube intended for the use of invalids, and it may be suspended from the breast of a patient by means of straps which are piv-
25 oted and permit the device to automatically arrange itself in proper position independent of the position of the wearer and form a convenient mode of expectorating without exposing a patient to surrounding cold air and
30 also to position such form of device in connection with railway-cars, street-cars, or other places where desired, as well as in the pockets of clothing.

In the accompanying drawings, Figure 1 is
35 a perspective view of the form of the device adapted to be used by invalids. Fig. 2 is a transverse vertical central section of the device shown by Fig. 1. Fig. 3 is a perspective view of the improved device designed to be
40 used in connection with car-seat backs. Fig. 4 is a transverse sectional view through the device shown by Fig. 3. Fig. 5 is a detail perspective view of the brush for cleaning the several tubes.

45 Referring to the drawings, wherein similar numerals of reference are employed to indicate corresponding parts in the several views, the numeral 1 designates the receptacle or body of a cuspidor, which, as shown by Figs.
50 1 and 2, has a series of peep-holes 2 in the front portion thereof, covered by a glass or other transparent plate 3. To the top of the

receptacle or body 1 is secured a screw-neck 4, to which is removably attached a tube-section 5, and therein are telescopically mounted 55 other tube-sections 6, which are held intact by a loose chain 7, and in the uppermost is a removable cap 8. The tube-sections may be lengthened or shortened, as desired, and are adapted to be extended by being drawn up-
60 wardly from the lower tube-section 5, and in this instance the shape of the receptacle or body 1 may be varied at will, but as shown is converged toward the bottom.

To the back portion of the receptacle or 65 body 1 is secured a metallic loop 9, to which is pivotally attached a bow-spring 10, having loops 11 on the ends thereof. Removably engaging the said loops 11 are tongues 12 of a perforate supporting-pad 13, which is adapt-
70 ed to rest against the body of the wearer, and the perforations therein permit a circulation of air therethrough, said pad being held outwardly by the bow-spring 10 and the receptacle or body 1, adjustable to any position
75 through the pivotal connection of said bow-spring to the metallic loop 9. The tongues 12 of the pad 13 have loops 14 movably connected thereto, to which are attached sus-
80 pending-straps 15, of any preferred form of construction, and adapted to be placed over the body of the wearer, so as to hold the entire device in convenient position for use.

The form of the device set forth thus far is intended for use by invalids, who can expect- 85 torate through the tube-sections into the receptacle or body 1 without raising from a reclining position, thereby obviating the necessity of the removal of bedclothing, and thus permits relief by allowing a patient to deliver
90 sputum into the tube-sections without the danger of being affected by surrounding cold air or drafts. If desired, the suspending-straps 15 may be extended any suitable distance and the device rested upon a floor ad-
95 jacent to the position of the invalid or under a bed or couch on which he may be reclining.

In Figs. 3 and 4 a modification in the construction of the device is shown, and therein a box or casing 39 is employed and has a
100 hinged door 40, with a latch 41. To the back of this box or casing is secured a metal plate 42, having an aperture therein which is engaged by a pivot pin or bolt 43, attached to a

metallic strap 44, extending above and below the said box or casing 39. The lower end of the said strap 44 is provided with a slide 45, and in said strap are a series of alined apertures 46. A hook 47, having a flat shank 48, is placed against the lower end of the said strap 44, and a thumb-screw 49 engages the flat shank 48 of the said hook and either one of the apertures to thereby adjustably connect the said hook to the strap and accommodate the application of the device as an entirety to the backs of car-seats having various widths. When the shank 48 of the hook is applied to the lower end of the strap 44, it is inclosed by the lower end of the slide 45 and takes over the bottom rail of the seat-back. The upper projecting end of said strap is also supplied with a hook 50, which engages the top rail of the seat, and by this means a firm attachment is secured. Within the box or casing 39 is movably mounted a receptacle or body 51, having a removable top 52 for cleaning purposes secured in connection therewith by hinged latches 53, engaged by locking-hooks 54. This form of the device is also provided with a tube-section 55, having a hinged cover 56, and, if desired, the telescopic sections may be placed therein. In the use of the device the door 40 is opened, and the receptacle or body 51, together with the tube-section 55, is turned laterally in the box or casing, so that it may be conveniently used. The dimensions of this form of the device are such as not to extend outwardly too far over the back of the seat, and thereby unnecessary projection is avoided. The seats can be turned in any position without affecting the attachment of the device set forth, and as the latter can be turned on its pivot bolt or pin 43 a proper adjustment thereof is obtainable at all times.

In Fig. 5 an improved form of cleaning-brush for the several tube-sections is shown and consists of a handle 57, having a looped end 58, through which horizontally extend a bunch of bristles, straws, or other material

59. The handle 57 can be of any suitable length and to correspond with the length of the tube-sections when distended.

The receptacles or bodies of the several devices are so arranged that they can be easily cleaned, and all may be suitably ornamented by plating or the application of any designs to provide a pleasing appearance.

It is obviously apparent that many minor changes in the details of construction and arrangement of the several parts might be made and substituted for those shown and described without in the least departing from the nature or spirit of the invention.

Having thus described the invention, what is claimed as new is—

1. In a device of the character set forth, the combination of a receptacle or body, a tube-section connected to said body, and a support for said body or receptacle pivotally connected solely to the rear side of the latter, substantially as and for the purposes specified.

2. In a device of the character set forth, the combination of a receptacle or body, telescopic tube-sections connected thereto, and having a movable lid or cover and support for said receptacle or body pivotally connected to the rear side thereof, and suspending devices engaging said support.

3. In a device of the character set forth, the combination of a receptacle or body, telescopic tube-sections connected thereto and having a movable lid or cover, a bow-spring pivotally connected to said receptacle or body, a perforate pad carried by said bow-spring, and straps attached to said perforate pad, substantially as and for the purposes specified.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

ARCHIBALD MCQUARRIE.

Witnesses:

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