

(No Model.)

J. STRACHAN.

COMBINED TOBACCO TAMP AND PIPE STEM CLEANER.

No. 400,966.

Patented Apr. 9, 1889.

Fig. 1.

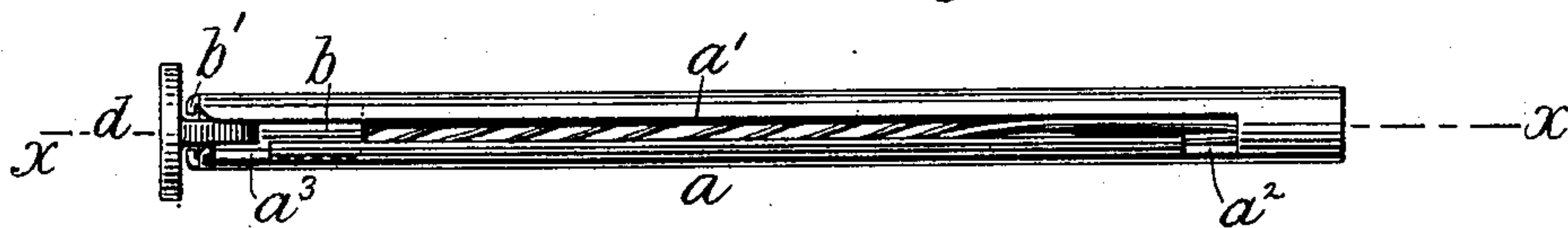


Fig. 2.

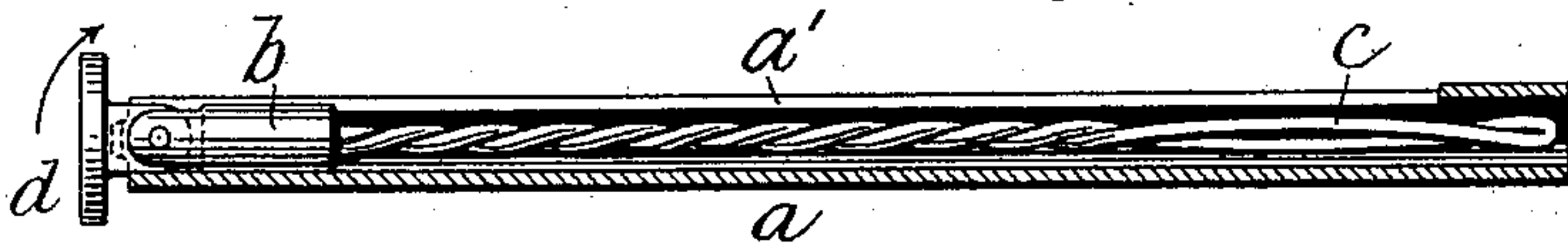
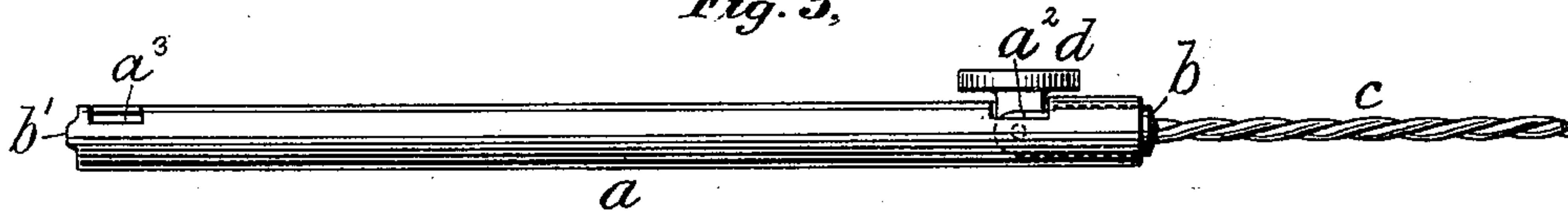


Fig. 3.



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Witnesses

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JOSEPH STRACHAN, OF BROOKLYN, NEW YORK.

COMBINED TOBACCO-TAMP AND PIPE-STEM CLEANER.

SPECIFICATION forming part of Letters Patent No. 400,966, dated April 9, 1889.

Application filed June 9, 1888. Serial No. 276,602. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH STRACHAN, a citizen of the United States, residing at Brooklyn, county of Kings, State of New York, have
5 invented a certain new and Improved Combined Tobacco-Tamp and Pipe-Stem Cleaner, of which the following is a specification, reference being had to the accompanying drawings, which form a part hereof.

10 This invention consists of a device cheap and simple in construction and adapted to be carried in the pocket of the user, which combines the functions of a tobacco-tamp and a
15 pipe-stem cleaner. These features are so combined that the handle of the tamp acts as a casing and holder for the pipe-stem cleaner, the tamp-button and pipe-stem cleaner being connected together.

When used as a tamp, the device externally
20 consists of a handle and a button at the end of the same, and it is adapted to be used by pressing the button upon the surface of the tobacco in the bowl of a pipe, so as to consolidate the burning tobacco into a compact mass.
25 When the device is used to clean a pipe-stem, the cleaner is pushed out and caused to project from the casing, and the casing then forms a handle which greatly facilitates the manipulation of the cleaner.

30 The invention also contemplates so constructing the device that the tamp-button is used to move the pipe-stem cleaner within the casing, and also holds the cleaner in its two extreme positions; but to describe my invention more particularly I will now refer to the accompanying drawings, in which—

Figure 1 is an elevation showing my combined instrument in condition to be used as a tobacco-tamp. Fig. 2 is a section of the same,
40 taken on the line $x x$, Fig. 1. Fig. 3 is an elevation showing the instrument in condition to be used as a pipe-stem cleaner.

The casing a consists of a cylindrical shell, preferably of metal, having a longitudinal slot,
45 a' , formed therein, extending from a point near one end of the casing to and through the other end thereof. Within the casing a is fitted a plunger, b , which carries the wire pipe-stem cleaner c . This wire is shown doubled
50 and twisted through part of its length, with a loop at its end. It can be inserted within a pipe-stem to remove the fluid or semi-fluid

matter which collects therein, and when a thorough cleaning is desired a cloth can be placed in the loop at the end of the wire. 55

The disk-shaped button d is the tobacco-tamp. It has a shank that passes through the slot a' , and is pivoted at its inner end in the plunger b . When the stem-cleaner c is entirely within the casing, or in its extreme inner position, as shown in Figs. 1 and 2, the
60 button d can be moved to the position in which it is shown in these figures—viz., with its face at right angles to the axis of the casing. When in such position, it is adapted to
65 be used as a tamp, and it also holds the cleaner c securely in its inner position, the metal of the casing being forced partly over or the end partly closed, as shown at b' , to form a back-stop for the plunger b . The device will generally
70 be carried in the pocket of the user with the parts in this condition, as the cleaner c is thereby protected from injury and prevented from soiling the clothing, and also because the tamp is used more frequently than the
75 cleaner. I might here observe that the device is of convenient size to be carried in the vest-pocket of the user, among pencils, &c., so that whenever he desires to tamp the tobacco in his pipe he need only take the device from
80 his pocket, perform the operation, and replace it in his pocket. To make the device less bulky when carried in the pocket, I cut a notch, a^3 , at the rear end of the slot a' , so that the shank of the button d may be held therein,
85 and the cleaner thus retained in the casing when the face of the button is parallel to the axis of the casing.

When the device is to be used to clean a pipe-stem, the button d is moved on its piv-
90 otal connection with the plunger b into a position at right angles to its previous position, with its face parallel to the axis of the casing a . The shank of the button d then slides freely in the slot a' , and the cleaner c is pushed
95 out to the position shown in Fig. 3, the button d acting as a handle to impart motion to the same. The cleaner can be securely held in this extreme outer position by moving the button d so that its shank engages the notch
100 a^2 , (shown in Fig. 1,) at the end of the slot a' .

It is obvious that the length of the cleaner c is not necessarily limited by the length of the tube, as it may be made of soft wire two

or three times the length shown, so as to be bent double or treble before being pushed within the tube.

What I claim as new, and desire to secure by Letters Patent, is—

1. A combined tobacco-tamp and pipe-stem cleaner, consisting of a hollow casing having a longitudinal slot formed therein, a tamp-button at one end of the casing of greater diameter than the casing, and a wire pipe-stem cleaner sliding within the casing, the tamp-button being connected to the pipe-stem cleaner, substantially as shown and described.

2. A combined tobacco-tamp and pipe-stem cleaner, consisting of a hollow slotted casing, a pipe-stem cleaner fitting within the casing, and a tamp-button passing through the slot of the casing and pivoted to the stem-cleaner so as to assume two positions, in one sliding freely in the slot and forming a handle for moving the pipe-stem cleaner within the casing and in the other held at the end of the slot and adapted to be used as a tamp, substantially as shown and described.

3. A combined tobacco-tamp and pipe-stem

cleaner, consisting of a hollow cylindrical slotted casing, a wire pipe-stem cleaner held in a plunger sliding within the casing, and a disk-shaped tamp-button passing through the slot of the casing and pivoted to the plunger so as to assume two positions thereon at right angles to each other, in one sliding freely in the slot and forming a handle for moving the pipe-stem cleaner within the casing and in the other held at the end of the slot and adapted to be used as a tamp, substantially as shown and described.

4. A combined tobacco-tamp and pipe-stem cleaner, consisting of the hollow casing *a*, having the slot *a'* and notches *a² a³* formed therein, the looped wire stem-cleaner *c*, carried by the plunger *b*, and the disk-shaped tamp-button *d*, projecting through the slot of the casing and pivoted to the plunger *c*, substantially as shown and described.

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Witnesses:

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