

W. Cills,

Packing Tobacco.

No. 105,428

Patented July 19, 1870.

Fig. 1.

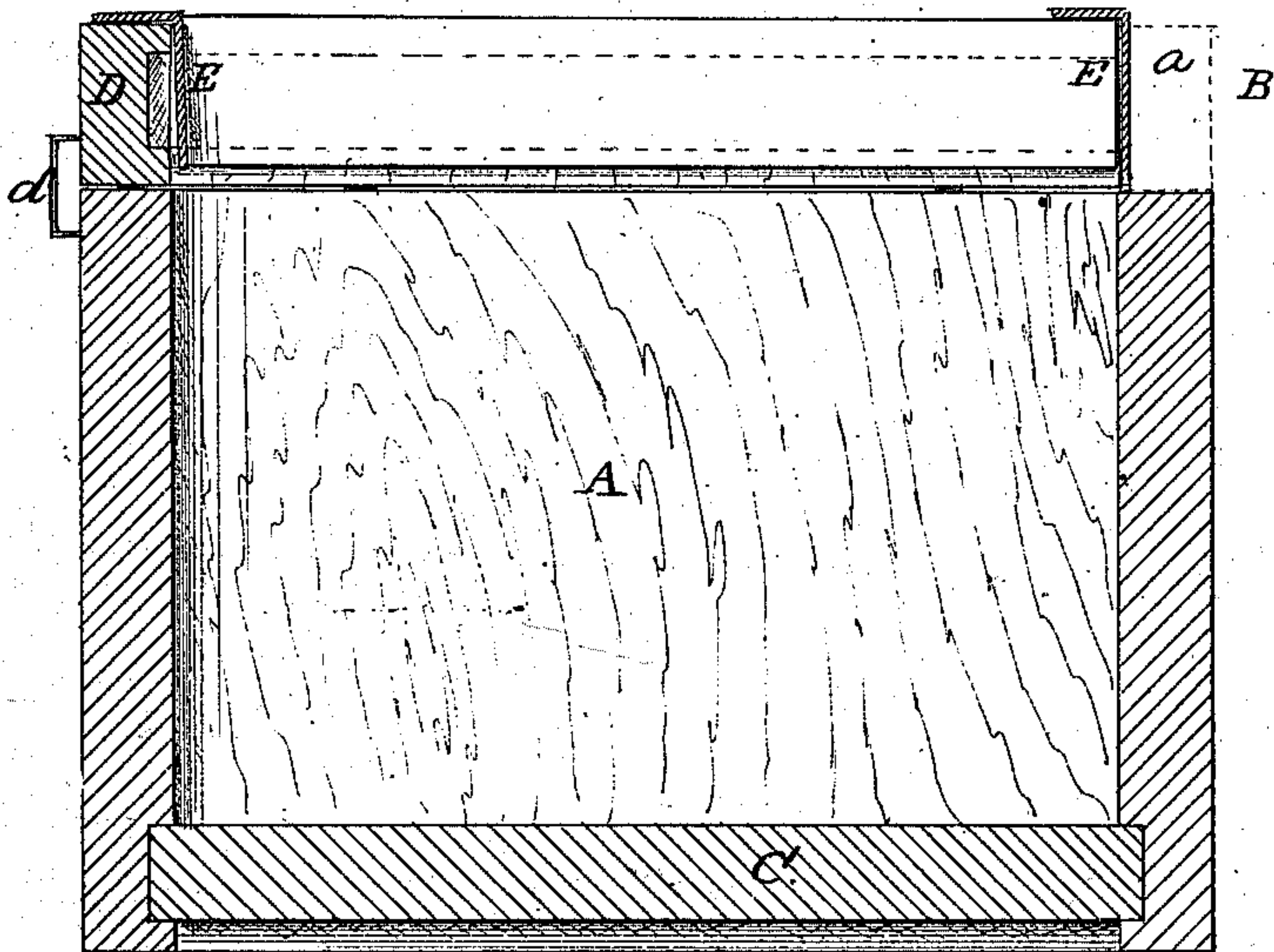


Fig. 2.

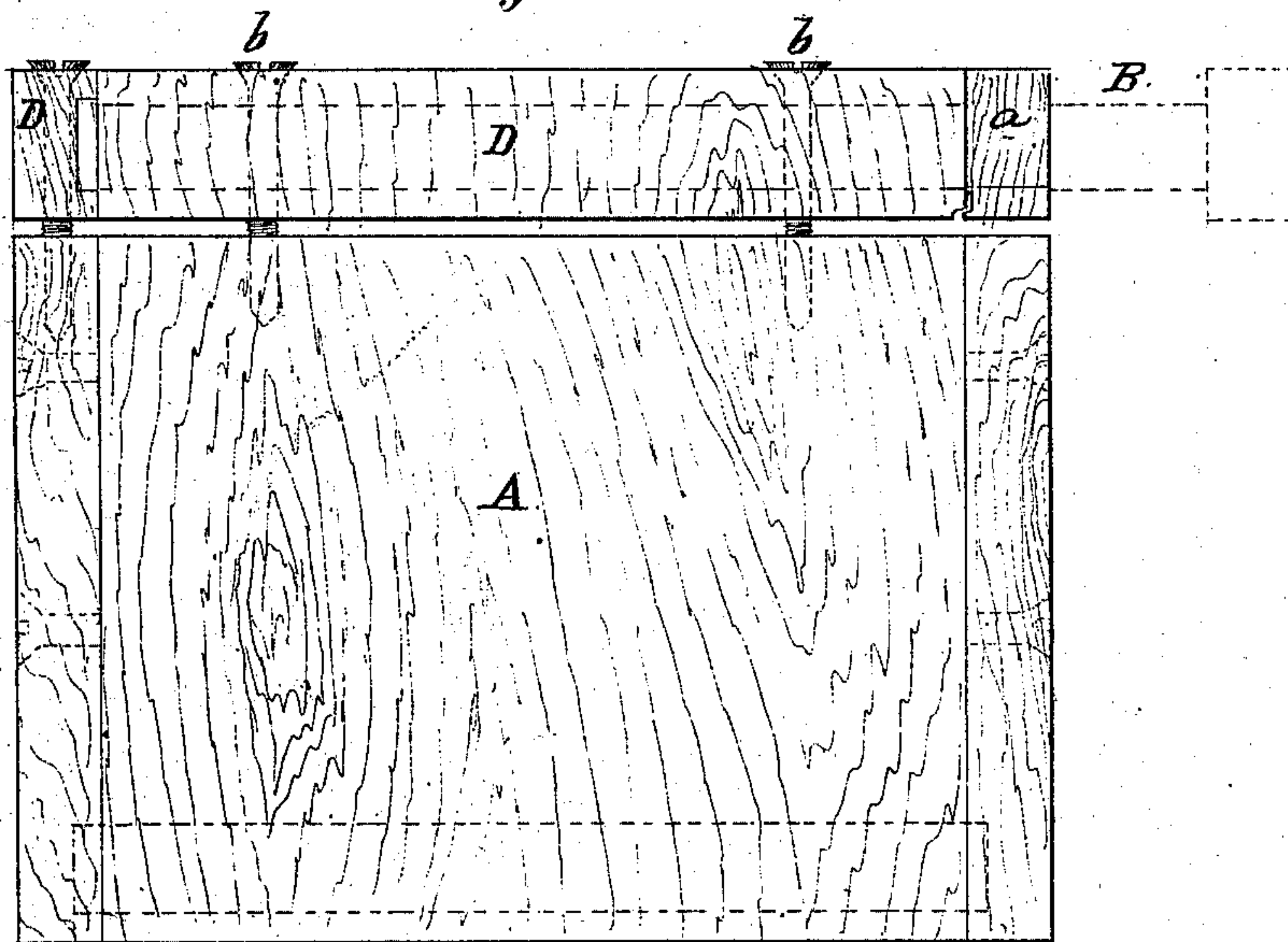


Fig. 3.



Witnesses:

H. C. Upperman
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Inventor:

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United States Patent Office.

WILLIAM CILLS, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 105,428, dated July 19, 1870.

IMPROVED PACKING TOBACCO-BOX.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, WILLIAM CILLS, of the city and county of Philadelphia and State of Pennsylvania, have invented a new and improved Packing Tobacco-Box; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a vertical section.

Figure 2 is a side elevation.

Figure 3 is a view of dog to be used, in connection with screws, for securing the two sections of box together.

Like letters in the different figures of the drawing indicate like parts.

My invention consists—

First, of a packing tobacco-box, made with grooves for receiving and holding the ends, the upper end or head being arranged to slide, and having a portion, forming the front of the box, attached to it, in combination with fenders and gauges, so as to prevent the tobacco from pressing into the grooves while packing it in the box, and to indicate the point to which the tobacco should be pressed, thus avoiding the inconvenience, time, and expense of securing the ends with beveled cleats and nails; also, the injuring or breaking of the box when opening it, enabling it to be used repeatedly for the same purpose, thereby saving the cost of a new box.

Second, of a packing tobacco-box, with the upper portion made separate, so as to attach it by screws, in combination with the sliding head, so that, if the tobacco should rise or spring up, after it has been pressed down, sufficiently to interfere with the sliding of the head in the grooves, the upper portion can be raised up to allow the insertion of it by loosening the screws, the whole then being pressed down and the screws tightened.

The construction is as follows:

A is the box, made of the usual size and shape, and provided with grooves to receive and hold the ends B and C, the upper end or head B being arranged to slide freely in the grooves, and having the upper part *a*, forming the front of the box, attached to it.

The upper portion, D, below the grooves, is made separate, so as to attach it by screws *b b*.

E E are the fenders and gauges, one being made for each side of the box.

The operation is as follows:

The sliding head B being removed, the fenders and

gauges E are then arranged around the sides of the box, over the grooves, the angular or bent part resting upon the top of the box, (see fig. 1.) The tobacco is then put into the box, and subjected to the pressure of a machine, as ordinarily, the fenders E keeping it from pressing into the grooves, and when the tobacco reaches the bottom edges of the fenders E they are removed, and the head B slid into the grooves and fastened by screws. But if the tobacco should rise or spring up sufficiently to interfere with the insertion of the head in the grooves, which it is likely to do sometimes, after it has been pressed down, the screws *b b* are loosened, and the upper portion D raised up, so as to bring the grooves above the top of the tobacco. The head is then inserted, and pressure applied thereon to bring the whole down, when the screws *b b* are tightened; and, if necessary, to make the upper portion D perfectly secure, three or more dogs, *d*, may be driven in on each side over the joints, and when opening the box these dogs can be easily withdrawn and used again.

In the making of the common packing tobacco-box, the ends are so stoutly secured by nails and beveled cleats as to render it impossible to open the box without injuring or breaking it so that it cannot be used again.

The object of my invention, therefore, is to dispense with the nails and cleats, by securing the ends in the manner described, so that the box can be opened without injury, and used repeatedly for the same purpose.

Having thus fully described my invention,

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

1. The packing tobacco-box, made with grooves to receive and hold the ends, the upper end or head being arranged to slide, and having a portion forming the front attached to it, in combination with fenders and gauges E, all as shown and set forth.

2. The packing tobacco-box, with the upper portion made separate and adjustable by the screws *b b*, in combination with the sliding head, all as shown and set forth.

As evidence that I claim the foregoing as my invention I have hereunto set my hand in the presence of two witnesses.

WILLIAM CILLS.

Witnesses:

W. BURRIS,

H. M. SLADE.