(No Model.)

C. DRAKE.

BOX FASTENER.

No. 301,698. Patented July 8, 1884.

Fig. 1.

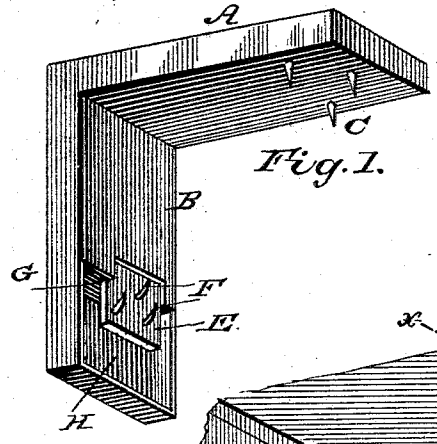


Fig. 2.

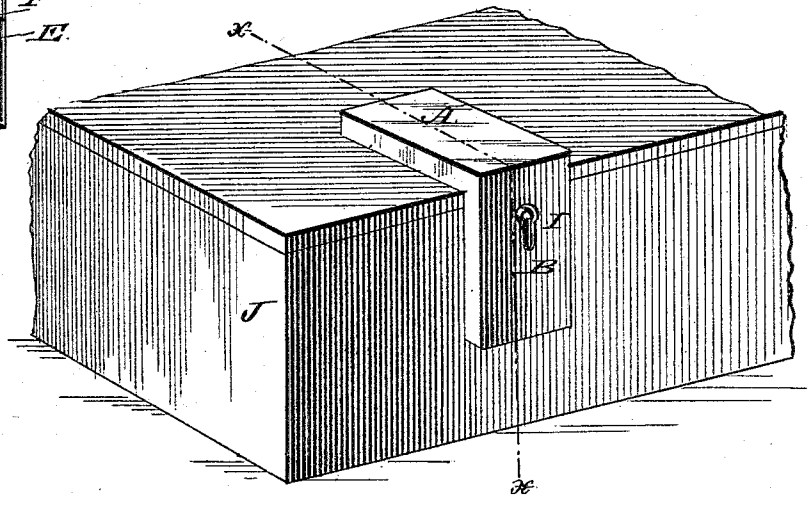


Fig. 3.

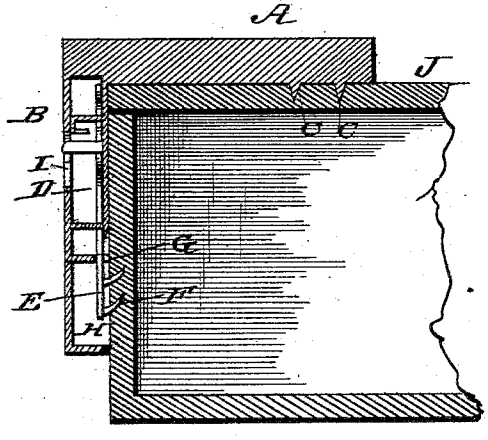
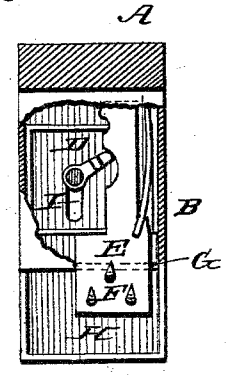


Fig. 4.



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UNITED STATES PATENT OFFICE.

CUNINGHAM DRAKE, OF PHILADELPHIA, PENNSYLVANIA.

BOX-FASTENER.

SPECIFICATION forming part of Letters Patent No. 301,698, dated July 8, 1884.

Application filed May 2, 1884. (No model.)

To all whom it may concern:

Be it known that I, CUNINGHAM DRAKE, a citizen of the United States, and a resident of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Locks for Cigar-Boxes, &c.; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of the device. Fig. 2 is a perspective view showing the application of my locking device to a cigar-box. Fig. 3 is a vertical cross-section through line *x x* in Fig. 2; and Fig. 4 is a detail view of the lock mechanism.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to locking devices, or locks adapted to be used upon cigar-boxes and other boxes of wood which are not provided with locks; and it consists in the detachable lock or locking device, which will be hereinafter more fully described and claimed.

This device consists of a plate of any suitable metal, which is bent at right angles to form the parts A and B. The top part, A, which is made solid, is provided on its under side with a number of sharp steel teeth, C; and the part B is made hollow, to form a casing for a suitable lock mechanism. (Shown at D.) This lock mechanism, which may be of any desired construction, has its bolt E provided with a series of upwardly-projecting pointed steel teeth, F, the bolt projecting through a slot, G, in the bottom of the lock-casing down into a recess, H, at the lower end of the part B. This part B has a key-hole, I, for the insertion of the key whereby the lock mechanism is operated. The bolt E, with its teeth, is flush with the inside of the part B, so that when the device is placed over the upper corner of the box J, as shown in Figs. 2 and 3, with the teeth C pressed into the top of the cover, the teeth F of the bolt will work into the side of the box. By now turning the key the bolt will be drawn up, so as to work its upwardly-projecting teeth F into the wood of the side of the box, thus drawing the top plate, A, down against the cover and forcing its teeth into it, whereby it will be seen that the cover will be firmly locked upon the box. If it is desired to open the box, all that is necessary is to insert the key and turn it in the opposite direction, which lowers the bolt, and thus by forcing the teeth F in a downward direction releases them from their bite or hold upon the wood, so that the device may readily be removed and the box opened.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The herein-described locking device, consisting of the top part, A, having downward projecting teeth C, and downward projecting part B, constructed to form a lock-casing having key-hole I, and provided with a suitable lock mechanism, and with the lock-bolt E, operated thereby, said lock-bolt being provided with a series of upwardly-projecting teeth, F, adapted to bite into the side of the box when the bolt is drawn in an upward direction in locking the device, substantially as and for the purpose shown and set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

CUNINGHAM DRAKE.

Witnesses:

LOUIS BAGGER,

AUGUST PETERSON.