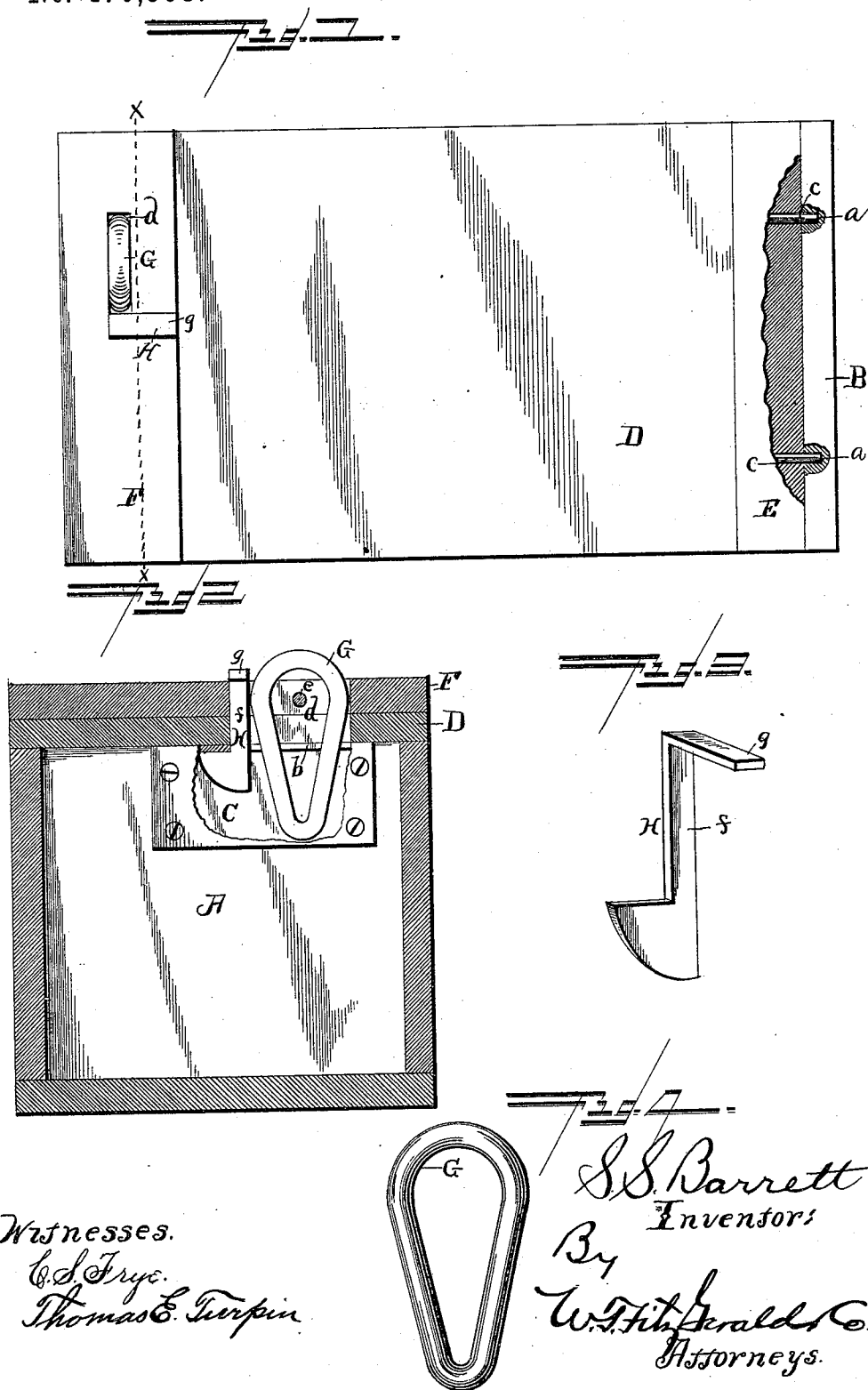


(No Model.)

S. S. BARRETT.
BOX FASTENER.

No. 470,968.

Patented Mar. 15, 1892.



UNITED STATES PATENT OFFICE.

SAM S. BARRETT, OF SALEM, MISSOURI.

BOX-FASTENER.

SPECIFICATION forming part of Letters Patent No. 470,968, dated March 15, 1892.

Application filed December 12, 1891. Serial No. 414,857. (No model.)

To all whom it may concern:

Be it known that I, SAM S. BARRETT, a citizen of the United States, residing at Salem, in the county of Dent and State of Missouri, have invented certain new and useful Improvements in Locks for Crates, &c.; 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 make and use the same.

My invention has relation to improvements in box-fasteners; and it has for its general object to provide a box-fastener of an exceedingly cheap, simple, and durable construction, adapted to be readily manipulated to lock a cover upon a crate or box, and as readily manipulated to unlock the cover.

To the attainment of the foregoing and other objects the invention consists in the peculiar construction, certain novel combinations, and the adaptation of parts hereinafter described, and particularly pointed out in the claims appended.

In the accompanying drawings, Figure 1 is a plan view, partly in section, of a crate or box embodying my improved devices. Fig. 2 is a vertical transverse section taken in the plane indicated by the line *xx* on Fig. 1, looking toward the end of the box. Fig. 3 is a perspective view of the beveled latch removed, and Fig. 4 is an elevation of the wedge for fixing the latch.

Referring by letter to the said drawings, A indicates a crate or box, which may be of the ordinary or any approved form, and is provided at one end with the transverse ledge B, which is provided in its inside with transverse sockets *a*, for a purpose presently to be described. The opposite end wall of the crate or box A is recessed, as better illustrated in Fig. 2 of the drawings, and covering said recess on the inside and outside of the box is a casing C, which is bent, as shown, over the upper edge of the end wall and is provided in its bent portion with a slot *b* for the passage of the latch and the fixing-wedge presently to be described.

D indicates the top of the crate or box,

which is provided at one end with a transverse strip E, from which extend lugs *c*, which are designed in practice to take into the sockets *a* of the ledge B, as better illustrated in Fig. 1. At its opposite end the cover D is provided with another transverse strip F, which is provided in turn with a slot *d* at a point to align with the slot *b* in the casing C. Taking transversely through the strip F and the slot *d* therein is a bolt *e*, which takes through the loop-wedge G, which tapers toward its lower end, as illustrated.

H indicates the locking-latch of my improved device, which has its lower end enlarged and beveled on one side, as illustrated. The shank *f* of the latch H rests loosely in the slot *d* of the cover at the edge of the loop-wedge and is provided at its upper end with a horizontal angular branch *g*, whereby the latch may be readily manipulated when the wedge has been raised.

In operation the loop-wedge G is raised as high as possible and the cover is placed upon the crate or box so that the lugs *c* at its end will enter the sockets *a* in the ledge B. When the wedge G is raised, the latch H will rest loosely in the slot *d*, and when the end of the box carrying the latch and wedge is placed down upon the box said latch will pass through the slot *b* in the casing C and will automatically engage said casing. The loop-wedge G is then shoved down and serves to hold the latch in engagement with the casing C, as illustrated.

When it is desired to unfasten the cover, the loop-wedge is raised and the latch disengaged from the casing C, when the cover may be readily removed.

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

1. The combination, with a crate or box having one of its walls recessed and a casing covering the recess and having a slot in its upper edge, of the cover having a vertically-disposed slot, the locking-latch loosely mounted in said slot, and the loop-wedge also loosely mounted in the slot of the cover and adapted

to bind against and hold the latch in its locked position, substantially as and for the purpose set forth.

5 2. In a box-fastener, substantially as described, the combination, with a crate or box, a cover, and a loose locking-latch carried by the cover, of a loose wedge adapted to engage the latch to press the same into engagement

with the crate or box, substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

SAM S. BARRETT.

Witnesses:

A. J. ARTHUR,
L. A. THOMURE.