

(No Model.)

H. B. LITTLEPAGE.
STRAP LOCK.

No. 547,082.

Patented Oct. 1, 1895.

Fig.1.

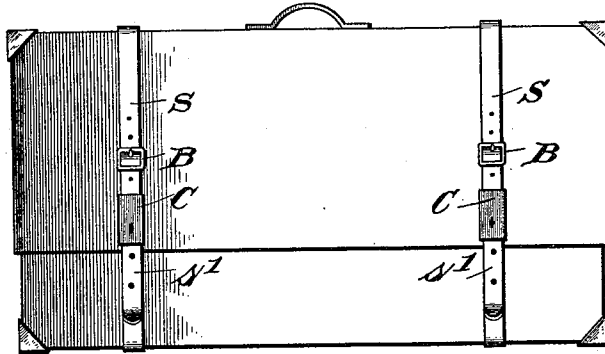


Fig.2.

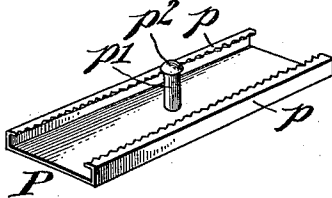


Fig.3.

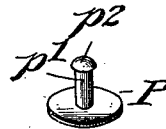


Fig.6.

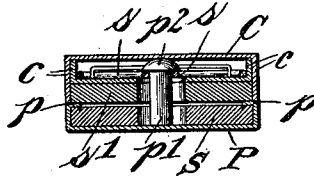


Fig.4.

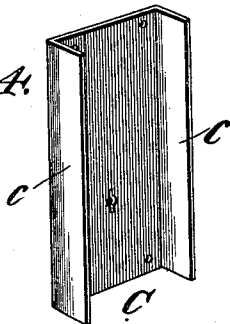
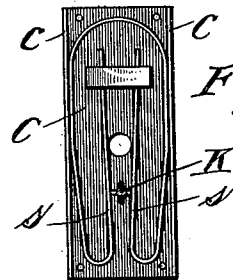


Fig.5.



Witnesses.

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UNITED STATES PATENT OFFICE.

HARDIN B. LITTLEPAGE, OF WASHINGTON, DISTRICT OF COLUMBIA.

STRAP-LOCK.

SPECIFICATION forming part of Letters Patent No. 547,082, dated October 1, 1895.

Application filed May 26, 1895. Serial No. 550,649. (No model.)

To all whom it may concern:

Be it known that I, HARDIN B. LITTLEPAGE, a citizen of the United States, residing at Washington, District of Columbia, have invented certain new and useful Improvements in Strap-Locks; 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

It is well known that railroad officials will not check baggage for transmission that is not securely locked, while there is a class of baggage—namely, telescopic trunks—to which a lock cannot be applied, in view of the fact that the depth of these trunks is adjustable, so that the ordinary trunk-lock is not available.

My invention has for its object the provision of means whereby the strap or straps by means of which the telescopic sections of these trunks are usually strapped together may be as securely locked against unauthorized removal as is the case in an ordinary trunk.

The invention consists, essentially, in the combination with an ordinary strap provided with the usual adjusting and fastening buckle, of a lock comprising two parts, one of which is, or may be, permanently secured to the strap at a suitable point in rear of the buckle, while the other part is adjustable on or adjustably-connected with the free end, or that portion of the strap extending or projecting from its buckle, as will now be fully described, reference being had to the accompanying drawings, in which—

Figure 1 shows in elevation a telescopic trunk, the retaining-straps of which are locked in accordance with my invention. Figs. 2 and 3 show in perspective two forms of stud-plates adapted to be applied to the body of a strap. Fig. 4 is a like view of the lock-case adjustable on or detachable from the free end of the strap. Fig. 5 is a top view of the lock, showing the key-operated locking-springs, the key, in section, being shown inserted and the springs spread, as in unlocking, and Fig. 6 is a cross-section of straps and locking devices.

In the above-described figures of drawings

S indicates the strap, B its buckle, and P a stud-plate, Fig. 2, provided with flanges *p* overlapping the edges of the strap, to which said plate may be riveted or otherwise secured, or it may be simply slipped onto the strap, hence made detachable therefrom, said plate being provided with a stud *p'* extending through said strap and terminating in a conical head *p*².

As shown, the stud-plate P is applied to the strap near its buckle B; but it may, of course, be applied at any suitable or required point distant from said buckle, which, if the plate is detachable from the strap, will depend upon the length of the free end of such strap, so that the latter may be held against the body of the strap, as in the case of the ordinary retaining-loop. It is obvious, however, that the stud-plate may consist simply of a stud or button having a cylindrical or otherwise shaped more or less flat base, from which the headed stud *p'* projects, as shown in Fig. 3. The lock-case C may or may not be provided with side flanges adapted to overlap the edges of the free ends of the strap.

In a lock in which the locking-bolt is cylindrical it is of course necessary that the lock-case should have lateral depending flanges *c*, as shown, that overlap or overhang the edges of the free end of the strap, though I preferably make the said flanges of a width practically equal to twice the thickness of the strap, so that the flanges will fit or lap over the edges of the body of the strap as well as the edges of the stud-plate P. The lock-case C may also be provided with inturned flanges similar to the flanges *p* on the stud-plate, so that it can be slipped on and off the strap, as will be readily understood.

In the lock-case are arranged two springs *s s* adapted to engage the shoulder formed by the portion of greatest diameter of the head *p*² of stud *p'* on plate P. It is obvious that if the stud *p'* is passed through a hole in the free end *s'* of the strap S and then into the lock-case through a suitably-located bolt-hole, the springs *s s* will spread and allow the enlarged head *p*² to pass between them and then snap under said head and lock the lock-case and the two parts of the strap together. In its outer face the lock-case is provided with a suitably-located keyhole for a key K, Fig. 4.

The lock constructed as set forth and as

shown in the drawings is merely given as an example, and I do not limit myself to the use thereof, as any other lock comprising two parts provided with key-operated interlocking devices, one of said parts adapted for application to the body of the strap and the other to the free end thereof, may be used.

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

1. The combination with a strap of a key-operated lock composed of two parts each provided with a lock element, one or both parts adapted to be shifted along the strap, for the purpose set forth.

2. The combination with a strap provided with the usual retaining and adjusting buckle,

of a key-operated lock composed of two parts each provided with a lock element, one or both of said parts adapted to be shifted along the strap, for the purpose set forth.

3. The combination with a strap of a lock composed of two parts provided with a lock element, said elements adapted to interlock, both said parts adapted to be shifted along the strap, for the purpose set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

H. B. LITTLEPAGE.

Witnesses:

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