March 1, 1932. I. STAHLER 1,847,501

PACK STRAP

Filed April 27, 1929

Fig. 1.

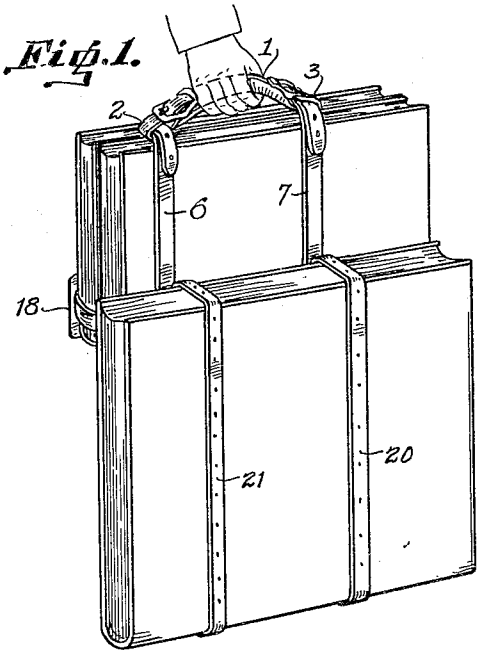


Fig. 2.

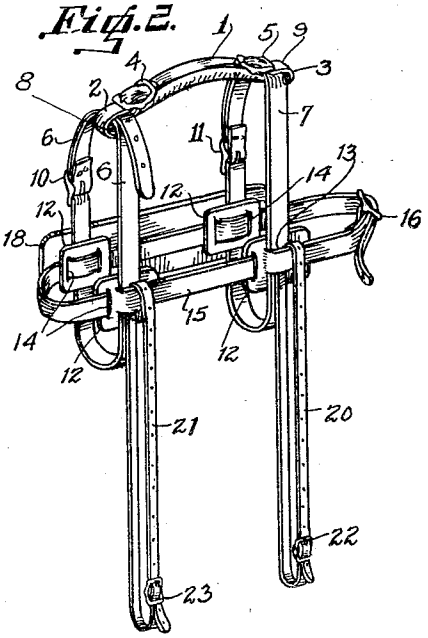


Fig. 4.

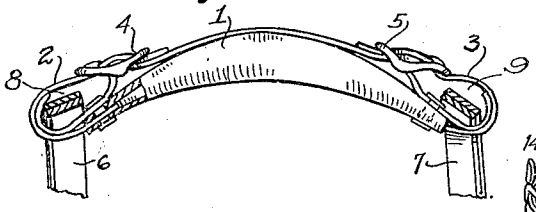


Fig. 3.

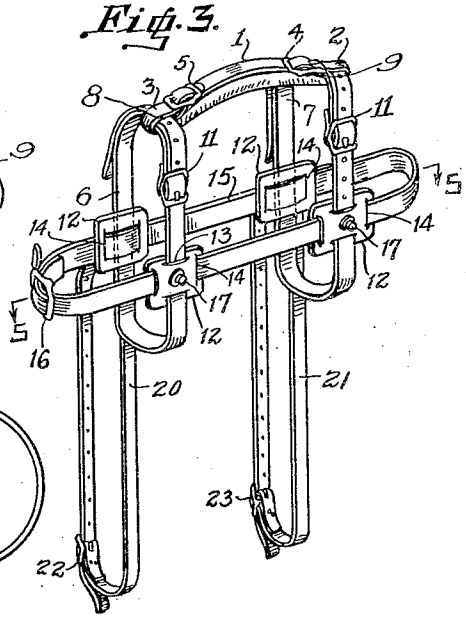


Fig. 5.

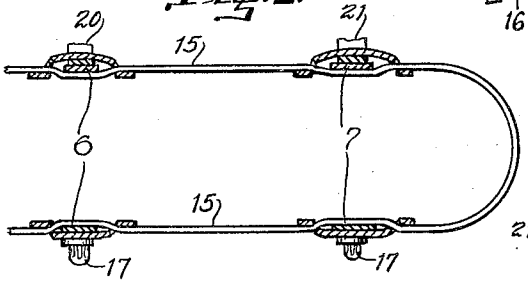
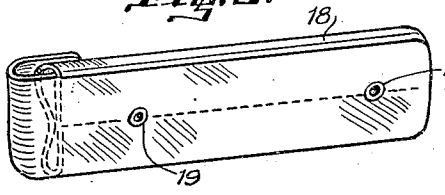


Fig. 6.



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UNITED STATES PATENT OFFICE

ISADORE STAHLER, OF MINOOKA, PENNSYLVANIA

PACK STRAP

Application filed April 27, 1929. Serial No. 358,687.

This invention relates to straps, and more particularly, to book straps.

The principal object of this invention is to provide a strap which will support the books, or other contents of the strap lengthwise as well as circumferentially.

Another object is to adjustably support the books so that the straps may be varied to fit articles of various sizes and shapes.

Still another object is to provide means for supporting a bulkier article in addition to articles of similar size and shape.

It is well known that where a note book or geography, which is wider than the usual text book, is strapped with smaller books, the smaller books are constantly slipping out and the assembly at best forms a very unwieldy pack.

I have solved this problem in the manner hereinafter to be described.

Referring to the drawings:

Figure 1 is a perspective showing the strap as actually used;

Figure 2 is a perspective similar to Figure 1, with the contents of the strap removed;

Figure 3 is a perspective showing the reverse side of the strap as shown in Figure 2;

Figure 4 is a side elevation of the handle with side straps broken away;

Figure 5 is a horizontal section taken on the line 5—5 of Figure 3; and

Figure 6 is a pencil holder to be secured to the strap.

In the drawings:

Numeral 1 designates a handle having straps 2 and 3, and buckles 4 and 5 at opposite ends. Straps 6 and 7 pass through the loops 8 and 9 formed at the opposite ends of the handle 1. Buckles 10 and 11 form connecting means for the straps 6 and 7. Leather pads 12 contain openings 13 through which are threaded straps 6 and 7, the pads 12 also containing openings 14 to receive a strap 15 at right angles to the straps 6 and 7. The strap 15 has a buckle 16 for adjusting the strap. The pads 12 have snaps 17 to receive a pencil holder 18, having fasteners 19 to receive the snaps 17. The pencil holder 18 extends parallel to strap 15 and is secured to the snaps 17 on the pads 12 which are on the same side of the pack. Extending through the openings 13 of one pair of pads adjacent the straps 6 and 7 are straps 20 and 21, having buckles 22, 23.

As actually used, the books of approximately the same size are placed in the straps 6 and 7, the buckles 10 and 11 having been first unfastened to permit placing of the books therein. The straps 6 and 7 are then tightly drawn around the books and buckled. The strap 15 will be adjusted to fit the books and likewise drawn tightly around the books. Since the pads 12 are slidably mounted on the straps 6 and 7 and likewise contain the strap 15, the strap 15 may be raised or lowered so as to more securely hold the books to prevent the same from slipping out endwise. If there is a bulkier article, such as a geography, the same may be placed in the straps 20 and 21, and the said straps 20 and 21 drawn tightly around the books by means of buckles 22 and 23.

It is apparent that this invention is not limited to a book strap, but may be utilized to secure a plurality of articles regardless of their nature.

What I claim is:

1. A package holder comprising a handle, loops at its ends adjustable to increase the size of the loops, strap loops similarly adjustable depending from the handle loops, a similarly adjustable cross strap loop, and means at each intersection of said strap loops for normally holding the straps at that intersection together while permitting each strap to slide lengthwise of itself across the other strap, said means comprising a sheet of material having a pair of parallel slots through which one strap is threaded and another pair at right angles thereto through which the other strap is threaded.

2. A package holder comprising a handle, loops at its ends adjustable to increase the size of the loops, strap loops similarly adjustable depending from the handle loops, a similarly adjustable cross strap loop, and means at each intersection of said strap loops for normally holding the straps at that intersection together while permitting each strap to slide lengthwise of itself across the other strap,

said means comprising a sheet of material having a pair of parallel slots through which one strap is threaded and another pair at right angles thereto through which the other strap is threaded, the slots for the depending loops being large enough to receive an additional strap.

In testimony whereof I affix my signature.

ISADORE STAHLER.