

S. NEINKEN & H. GONEN.
 COMBINED HANDLE AND TYING DEVICE FOR BOXES.
 APPLICATION FILED NOV. 11, 1914.

1,147,745.

Patented July 27, 1915.

Fig. 1.

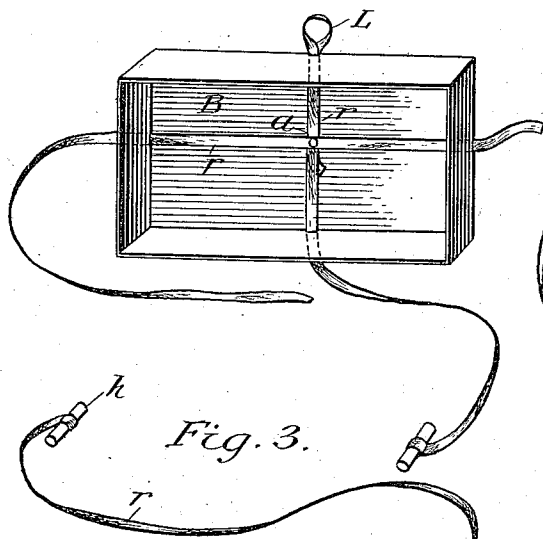


Fig. 2.

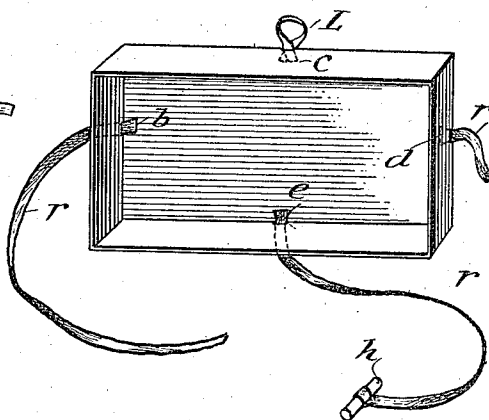


Fig. 3.

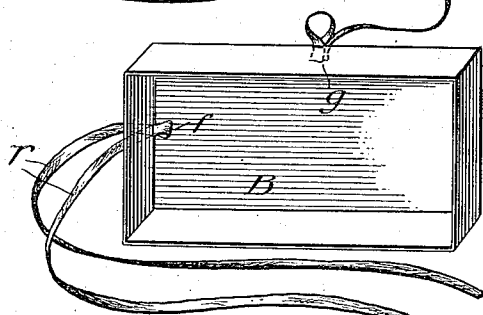


Fig. 4.

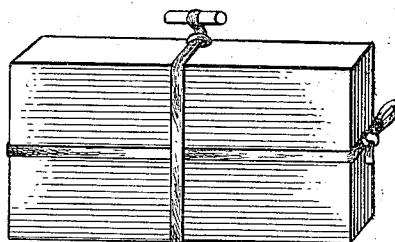


Fig. 6.

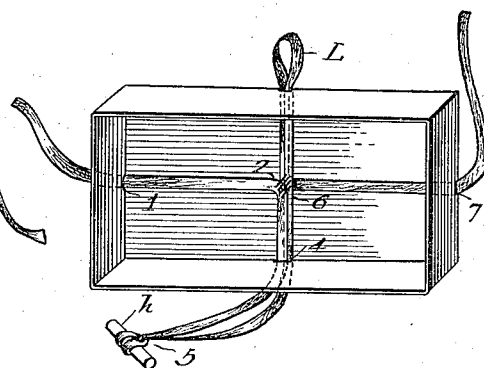
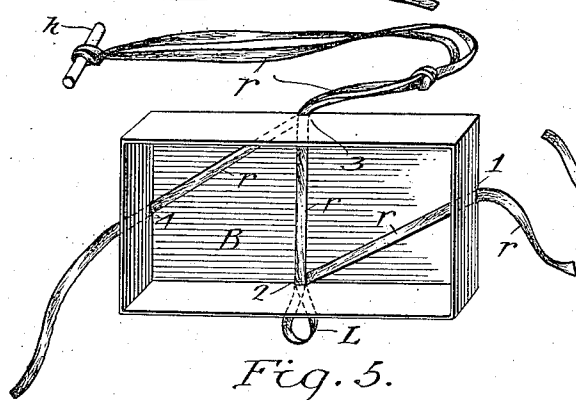


Fig. 5.



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UNITED STATES PATENT OFFICE.

SAMUEL NEINKEN AND HAYMAN GONEN, OF PATERSON, NEW JERSEY.

COMBINED HANDLE AND TYING DEVICE FOR BOXES.

1,147,745.

Specification of Letters Patent.

Patented July 27, 1915.

Application filed November 11, 1914. Serial No. 871,520.

To all whom it may concern:

Be it known that we, SAMUEL NEINKEN and HAYMAN GONEN, respectively, citizen of the United States and subject of the Czar of Russia, residing at 102 Market street and 59½ Bridge street, respectively, Paterson, in the county of Passaic and State of New Jersey, have invented certain new and useful Improvements in Combined Handles and Tying Devices for Boxes, of which the following is a specification, reference being had therein to the accompanying drawing.

Our invention relates to improvements in boxes, particularly in boxes consisting of two telescopic members, such as are used by tailors or clothiers; and the objects of our improvement are to provide a simple, durable and inexpensive tying device comprising a handle which may be tied and untied quickly and with facility. We attain these objects by the device illustrated in the accompanying drawings, in which—

Figure 1 is a top plan view of an open box or the body portion thereof with the cover removed therefrom, showing the tying device consisting of two pieces of tape, one piece being provided with a loop at one end and a handle at the other end; Fig. 2 a top view showing a modified form of our device in which four pieces of tape are secured to the bottom of the box; Fig. 3 a top view showing another modification with two pieces of tape secured to the bottom of the box; Fig. 4 illustrates a box such as shown in Fig. 1 but closed, the lid covering the bottom portion of the box, a piece of tape passing longitudinally, as shown in Fig. 1, is tied at the end of the box, and a piece of tape passing transversely, as shown in said figure, having a handle secured to one end thereof passing through the loop on the other end thereof; Fig. 5 shows a further modification of our device in which a single piece of tape is employed; Fig. 6 shows a further modification of our device in which one piece of tape is employed, but secured to the box in a different manner.

Similar letters refer to similar parts throughout the several views.

We prefer to make our device as shown in Figs. 1 and 4 in which the two pieces of tape —*r*— cross each other at right angles, one passing transversely and one passing longitudinally on the bottom within the box B, the tapes being secured to the bottom of the box at the point of intersection —*a*—,

one piece of tape passing through openings in the lower portion of the ends walls of the box on the same plane as the bottom, the other piece of tape passing through openings in the lower portion of the side walls close to the bottom of the box, one end being provided with a loop L and the other end with a handle —*h*—. Thus but one stitching or securing is necessary to secure the tapes —*r*— to the bottom of the box. The upper portion or cover is placed over the lower portion or box body. One piece of tape is then passed around the top or cover and is tied at the end, as shown in Fig. 4. The tape with a handle —*h*— is then passed around the top or cover, the handle —*h*— passing through the loop L, as shown in Fig. 4.

In Figs. 2, 3, 5 and 6 are shown modifications of our device which may be used without departing from the scope of our invention. In Fig. 2 the tapes are secured to four portions of the bottom of the box; in Fig. 3 to two portions, only two pieces of tape being employed; in Fig. 5 only two pieces of tape are employed, but they are secured to the bottom of the box body at four points; in Fig. 6 but one piece of tape is employed, passing doubled through two of the openings and singly through the other two openings and is secured to the bottom of the box body at one point.

In the drawings *a*, *b*, *c*, *d*, *e*, *f* and *g* indicate the points where tape is secured to the box body.

We do not wish to limit ourselves to the material employed in making the tape —*r*—. The binder or tape —*r*— is always held in proper position, not only because it is secured to the bottom within the box, but because of the openings in the four walls of the box through which the tape passes on line with the bottom.

Our device may be employed in boxes made of any suitable material. We prefer to construct the loop L integral with the tape at the other end of which is provided the handle or carrier —*h*—; which may also be constructed of any suitable material, solid or tubular, without departing from the essential spirit of the invention.

With this description, what we claim as new and desire to secure by Letters-Patent, is:—

A telescopic box member provided with four openings in the walls thereof on a line

with the bottom, a tape passing transversely
along the bottom within the box through
the openings in the opposite walls, one end
thereof being provided with a loop and the
5 other end thereof being provided with a
handle adapted to pass through said loop,
another tape passing longitudinally along
the bottom of the box within the same
through the openings in the opposite end
10 walls, and means for securing said tapes at

the points where they intersect to the bottom
within the box.

In testimony whereof we affix our signatures in presence of two witnesses.

SAMUEL NEINKEN.
HAYMAN GONEN.

Witnesses:

BESSIE BERLINER,
JOHN F. KERR.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."