

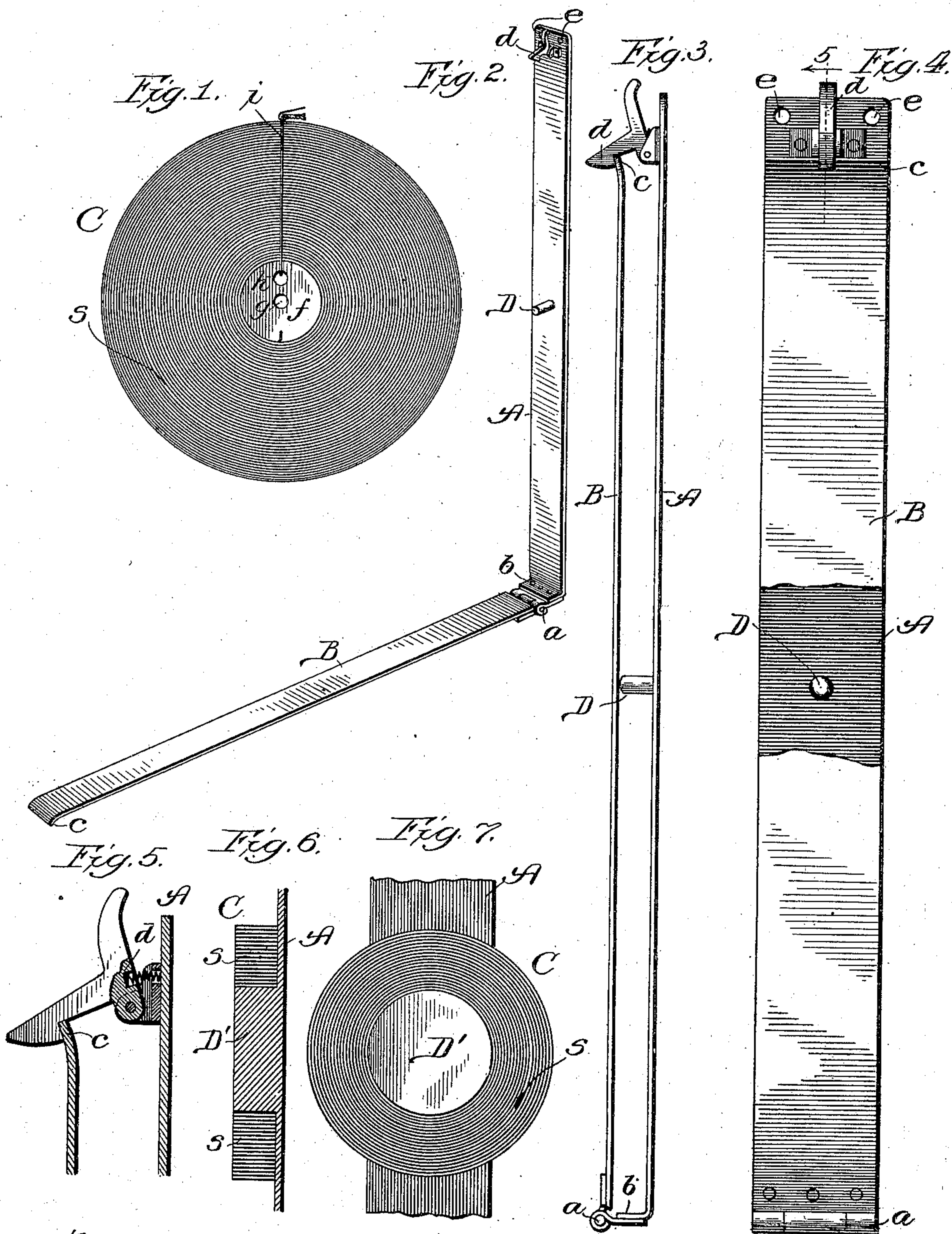
No. 708,378.

Patented Sept. 2, 1902.

J. E. MACMURRAY.  
BOX STRAP HOLDER.

(Application filed Apr. 24, 1902.)

(No Model.)



Witnesses:

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# UNITED STATES PATENT OFFICE.

JAMES E. MACMURRAY, OF CHICAGO, ILLINOIS.

## BOX-STRAP HOLDER.

SPECIFICATION forming part of Letters Patent No. 708,378, dated September 2, 1902.

Application filed April 24, 1902. Serial No. 104,556. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES E. MACMURRAY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Box-Strap Holders, of which the following is a specification.

The commercial article of box-strap, composed of a narrow ribbon of sheet metal, is commonly provided to the consumer coiled flatwise upon itself, ordinarily about a central core or spool in the form of a wooden disk, the coil being usually journaled in a holder, which is furnished with the coil and which is an item of such little value, being of flimsy construction formed out of metal bands or strips, that it is thrown away, like the spool on which thread is provided, when the coil it supported is used up.

The primary object of my invention is to provide a holder for coiled box-strap of novel and improved construction, whereby it shall be rendered substantial and shall be adapted for permanent and convenient use as an implement upon which to support coil after coil of box-strap as one coil after another is used up by the consumer.

Referring to the accompanying drawings, Figure 1 is a view in side elevation of a coil of box-strap on a central disk-shaped core. Fig. 2 is a perspective view of my improved holder in its open condition. Fig. 3 is a view of the same in side elevation in its closed condition. Fig. 4 is a front view of the holder in its closed condition with a section of the hinged front bar broken away to show the journaling-stud for a coil of box-strap on a central core. Fig. 5 is a vertical section taken at the line 5 in Fig. 4, viewed in the direction of the arrow and enlarged, showing the preferred means for fastening the holder in its closed condition. Fig. 6 is a broken view, in sectional elevation, of the coil-supporting bar of the holder, showing a modification; and Fig. 7 is a front view of the same.

The holder of my improved construction comprises a frame composed of a flat back bar A, preferably of plate metal, and a similar front bar B, connected at corresponding ends by a hinge *a*. At its hinged end the bar A is preferably bent to a right angle to form a flange *b* for attachment to its outer

or bottom surface of one wing of the hinge, the other wing being fastened to the outer face of the bar B, whereby an adequately wide space is afforded between the bars to admit flatwise between them a coil C of box-strap *s*. The front bar B is shown slightly bent outward at its upper end to form a lip *c*, the better to engage the free edge of the front bar with a spring-latch *d*, pivotally supported on the front side of the bar A, near its upper end, for locking the bars in the closed condition of the holder. On the inner face of the bar A, preferably at or near its longitudinal center, is provided a journaling-stud D, and this bar is shown to be provided in its upper end with two holes *e e*, flanking the latch *d*, for receiving screws or nails (not shown) to fasten the holder to a wall or the like, and thus hang it in convenient position for use.

A coil C, of the form illustrated in Fig. 1, has the length of box-strap *s* wound flatwise upon itself on a central wooden disk *f*, forming a core containing a central journal-opening *g* and shown as also containing an eccentric hole *h*, through which to loop a wire *i* for fastening on the coil the free end of the straps *s*. This coil is adjusted on the holder on opening it by releasing the latch *d* to free the bar B, which is turned to the position in which it is represented in Fig. 2, to remove it from obstructing access to the stud D. The adjustment is effected by journaling the coil at its core-opening *g* upon the pin D, turning the bar B on its hinge into parallel relation with the bar A, in which the latch *d* snaps over the lip *c* and locks the holder members together to confine the coil rotatably in the holder. The coil may be shipped in this condition to the consumer or trade with the original order for box-strap, by whom the holder may be made a fixture to serve repeatedly for holding a new coil of box-strap, which may be readily adjusted upon the holder in the manner described. Sometimes the coil C, while originally formed about a core *f*, is relieved of the core after winding the material thereon, as by knocking it out and fastening the inner end of the strap to the coil to retain it intact, thereby leaving an opening in the coil as large as the core. For such coils I provide the journaling-support on the bar A of a diam-



eter as shown at D' in Figs. 6 and 7, adapting it to fit the central opening in the coil journaled upon it.

While the fastening means for the holder  
5 members shown and described best serve my purpose, so far as I am at present aware my invention is not limited thereto, but is intended to include any means suitable for the purpose. Moreover, the journaling-support  
10 for the coil may be provided on either member of the holder.

What I claim as new, and desire to secure by Letters Patent, is—

1. A holder for a coil of box-strap, comprising a frame composed of the two bars A  
15 and B hinged together at one end to extend parallel to each other when the frame is closed and form the coil-receiving space between them, a coil-journaling stud on the inner face  
20 of one of said bars, a lip *c* on the free end of

one of said bars and a latch on the opposite bar to engage with said lip, substantially as described.

2. A holder for a coil of box-strap, comprising a frame composed of the bar A having a flange *b* at one end and the bar B hinged  
25 at one end to said flange to form the coil-receiving space between the bars, a coil-journaling stud on the inner face of one of said bars extending close to the face of the opposing bar when the frame is closed and forming the sole journaling-support for the coil,  
30 and a latch on the free end of one bar for engaging with the adjacent end of the opposite bar, substantially as described.

JAMES E. MACMURRAY.

In presence of—

ALBERT D. BACCI,  
W. B. DAVIES.