(No Model.) 2 Sheets—Sheet 1.

# A. EA. McCLURE.

## ROPE CLAMP.

No. 345,313. Patented July 13, 1886.

Fig. 1.

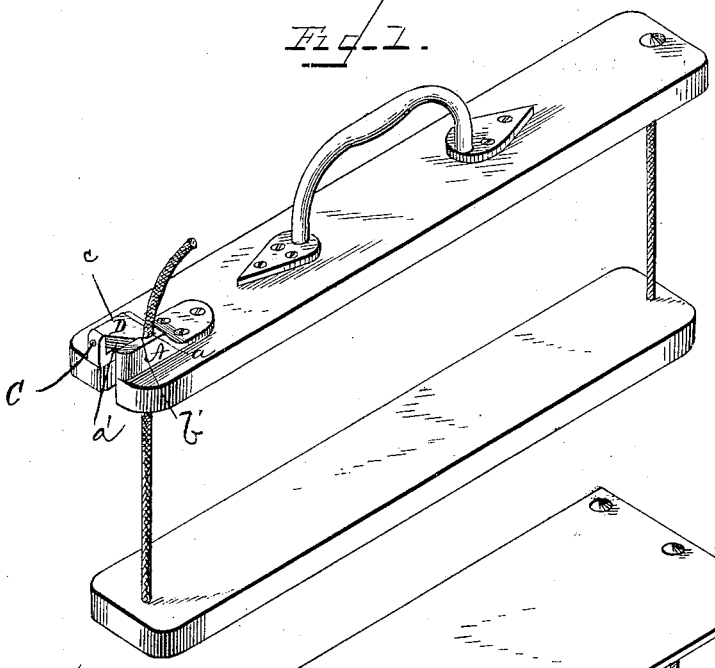



Fig. 2.

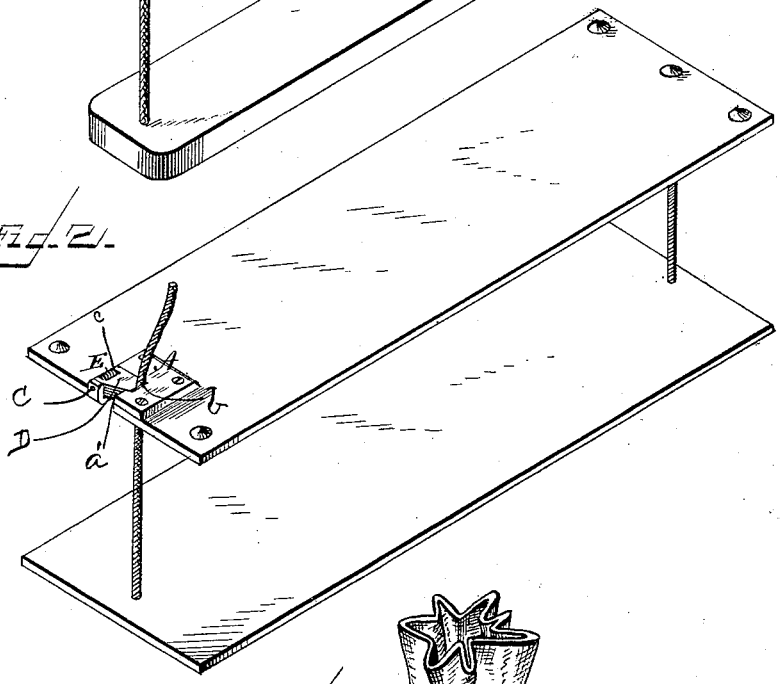
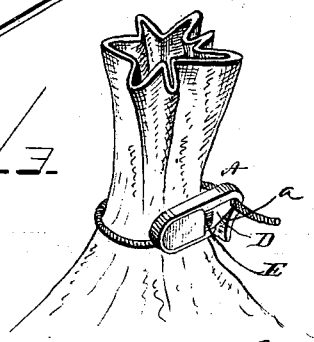



Fig. 3.




WITNESSES

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(No Model.) 2 Sheets—Sheet 2.

# A. EA. McCLURE.

## ROPE CLAMP.

No. 345,313. Patented July 13, 1886.

Fig. 4.

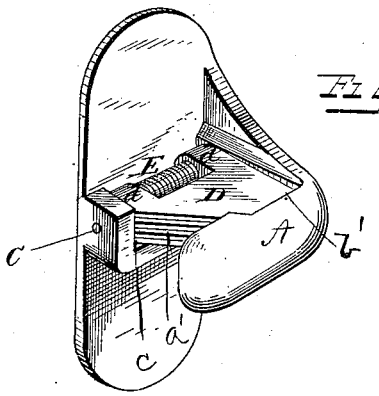



Fig. 5.

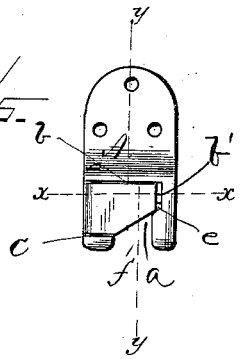



Fig. 6.

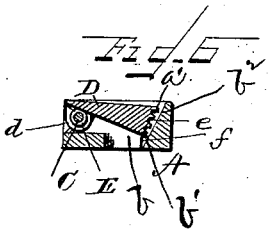
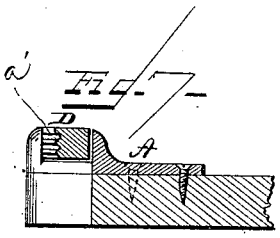



Fig. 7.




WITNESSES
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# UNITED STATES PATENT OFFICE.

ALBERT EAYERS McCLURE, OF SEDALIA, MISSOURI, ASSIGNOR OF ONE-FOURTH TO SAMUEL L. MAXON, OF SAME PLACE.

## ROPE-CLAMP.

SPECIFICATION forming part of Letters Patent No. 345,313, dated July 13, 1886.

Application filed September 14, 1885. Serial No. 177,090. (No model.)

*To all whom it may concern:*

Be it known that I, ALBERT EAYERS McCLURE, a citizen of the United States, residing at Sedalia, in the county of Pettis and State of Missouri, have invented certain new and useful Improvements in Rope-Clamps; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to a cord and rope fastener, and is designed for use on paper, bill, and document files, shawl-straps, book-holders, to hold clothes-lines and awning-ropes, and a variety of other uses.

The object of the invention is to provide at a slight cost a clamp of the character mentioned, which shall be cheap and simple in its construction, light and durable, and one that will allow the rope to be readily and easily clamped and detached when desired, and yet which will hold the rope firmly and securely against accidental detachment or slipping.

With these ends in view the invention consists in the improved construction and combination of parts hereinafter fully described, and pointed out in the claim.

In the drawings, Figure 1 is a perspective view showing the device in use upon a book holder or carrier. Fig. 2 is a similar view showing it applied to a file-holder. Fig. 3 shows the device in use as a sack-fastener. Fig. 4 is a view showing the device adapted for holding awning-ropes and clothes-lines. Fig. 5 is a detail view of the device detached; and Figs. 6 and 7 are sectional views on the lines *x x* and *y y* of Fig. 5.

Corresponding parts in the several figures are denoted by the same letters of reference.

Referring to the drawings, A represents a plate, which is preferably cast and of any suitable metal. This plate A is recessed or cut away at its end, as shown at *a*, to form a slot, *b*. Said plate A is also recessed on its upper face at one side thereof, as shown at *c*, and in said recess is journaled a shaft, C.

D represents a plate, which is provided at one end with downwardly-extending nibs or lugs *d*, which are formed with holes or openings for the passage of the shaft C, upon which the plate D is journaled.

E represents a spiral spring, which is located on the shaft C, and which has one of its ends secured to the plate A or bearing against said plate, and its other end fitting in a notch in the plate D, which is not shown. By this means the force of the spring causes the plate D to be held at all times in the position shown. The plate D has an inclined front face, which is preferably serrated, as at *a'*, and which allows the rope to be slid to the end *b'* of the plate. The end of the plate, like the inclined side, is serrated, as at $b^2$, and said end rests in a recess, *e*, and is prevented from downward movement below a point on a horizontal plane with the upper face of the plate A by a shoulder, *f*, on which the end of the plate D rests or bears.

In operation the cord or rope is placed in the recess *a* in the plate A in such a manner that the plate D will be slightly raised to permit the passage of the rope or cord to the end of the plate, which, when the rope is in place, is forced against and wedges the same by means of the spiral spring. It will be observed that the greater the strain upon the rope or cord the tighter it will be wedged, and that it cannot possibly slip, since the face of the end of the plate is serrated.

It will be obvious that the device before described can be used to advantage as a clamp for ropes upon awnings, can be used as a substitute for cleats upon small boats where it is necessary to make the ropes fast, can be used as a clamp for shawl and book holders, file and bill holders, and is also adapted for a variety of uses.

Having thus described my invention, I claim—

The combination, with a base-plate having a recess or opening and a slot communicating therewith, of a horizontally-pivoted spring-actuated plate having an inclined serrated engaging face and end, and a shoulder on the base-plate adapted to support the free end of the pivoted plate, substantially as set forth.

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

ALBERT EAYERS McCLURE.

Witnesses:

E. R. MARVIN,

C. M. NILES.