(No Model.)

S. E. RATEKIN.

WIRE CLOTH DELIVERING REEL.

No. 364,855. Patented June 14, 1887.

Fig. 1.

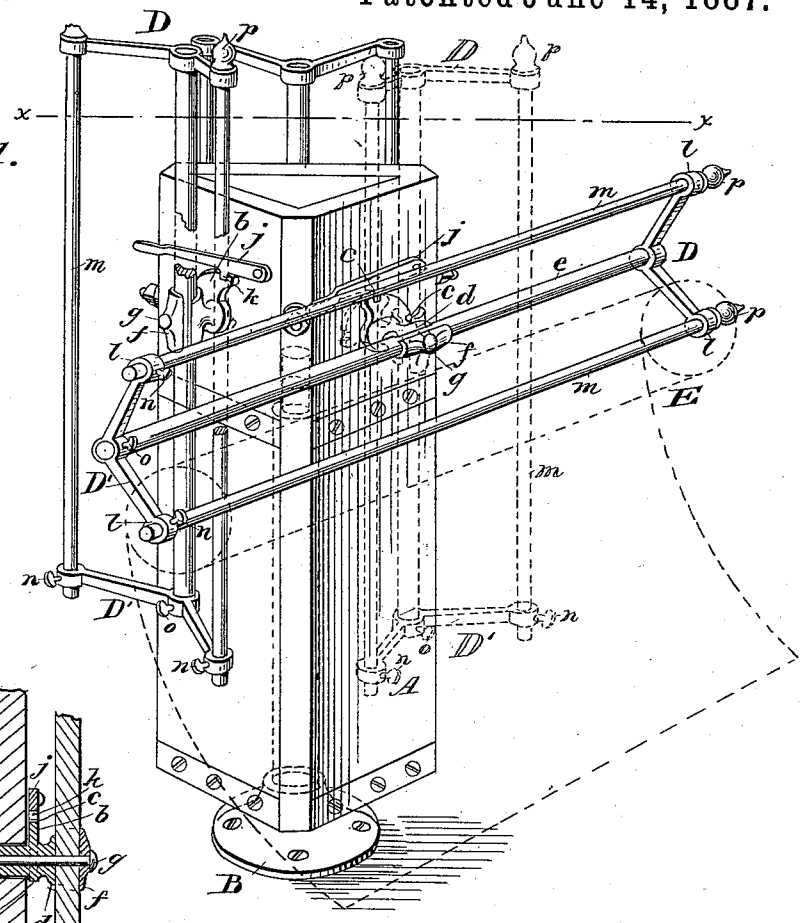


Fig. 3.

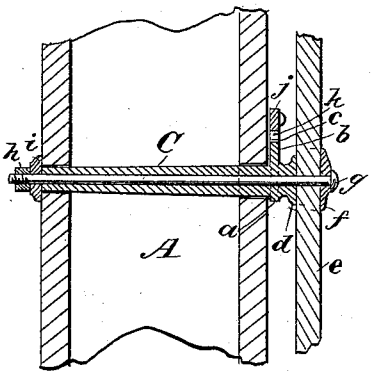
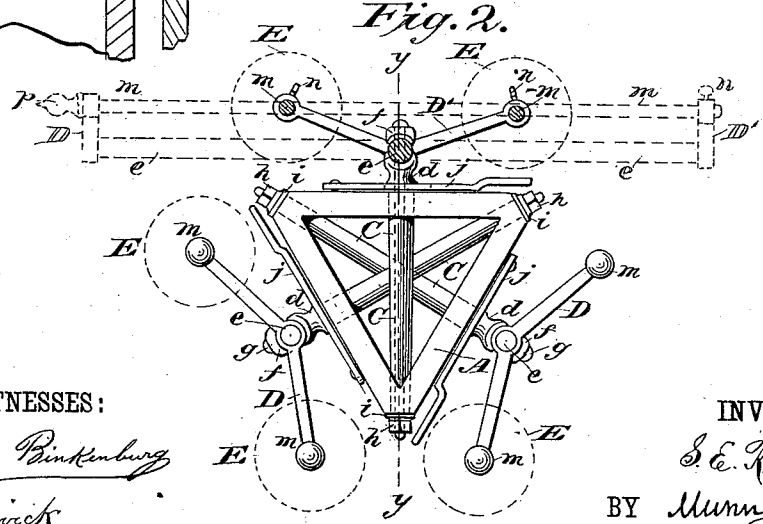


Fig. 2.



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UNITED STATES PATENT OFFICE.

SILAS E. RATEKIN, OF KANSAS CITY, MISSOURI.

WIRE-CLOTH-DELIVERING REEL.

SPECIFICATION forming part of Letters Patent No. 364,855, dated June 14, 1887.

Application filed February 5, 1887. Serial No. 226,702. (No model.)

To all whom it may concern:

Be it known that I, SILAS E. RATEKIN, of Kansas City, in the county of Jackson and State of Missouri, have invented new and useful Improvements in Reels, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

Figure 1 is a perspective view of my improved reel. Fig. 2 is a sectional plan view taken on line *x x* in Fig. 1, and Fig. 3 is a vertical transverse section of a part of a reel.

Similar letters of reference indicate corresponding parts in all the views.

The object of my invention is to provide a convenient and simple holder and reel for rolls of wire-cloth or other material, so as to permit of exhibiting the material in the roll, or of turning the roll down into a horizontal position when it is desired to remove a portion of the contents of the roll.

My invention consists in the construction and arrangement of parts, as will be hereinafter fully described and claimed.

The body A of the reel, which is made of wood or other suitable material, is mounted revolubly on the vertical standard B. In the present case the body A has the form of a hollow triangular prism. The step which rests upon the upper end of the standard B and supports the prism is arranged about one-third of the length of the body from the top thereof, and in the center of each plain side of the prismatic body is inserted a tubular shaft, C, which extends through the body and through the corner of the prism which is opposite the plain face. The shafts C are arranged at slightly-different elevations, so that they cross each other, as shown in Fig. 2, each shaft bisecting one of the angles of the prism.

Upon the shaft C is formed a shoulder, *a*, which bears against the plain face of the prism and carries a segmental flange, *b*, having two notches, *c*, arranged ninety degrees apart, and upon the extremity of the shaft C, outside of the shoulder *a*, is formed a socket, *d*, for receiving the central supporting-bar, *e*, of each roll-holder. The bar *e* is clamped in place by the clip *f* of the bolt *g* extending through the clip and through the tubular shaft C, and receiving a nut, *h*, and washer *i*, which clamp the bar *e* firmly in its place in the socket *d*; and the washer *i* extends over the angle of the prism, and in connection with the shoulder *a* holds the said shaft C in its place.

To the side of the body A, above the shaft C, is pivoted a latch, *j*, provided with a tongue, *k*, which is capable of engaging either of the notches *c* in the segmental flange *b*, and of holding the supporting-bar *e* in either a horizontal or vertical position. To opposite ends of the bar *e* are secured angled arms D D′, the said arms being provided with sockets for receiving the ends of the bar *e*, both arms having at their extremities eyes *l*, for receiving the roll-holding rods *m m*. The angled arm D is provided with thumb screws *n*, for clamping the rods *m m* in place, and with a thumb-screw, *o*, for clamping the arm D′ on the bar *e*. The rods *m m* are preferably provided with ornamental heads *p*.

A roll of wire-cloth, E, or other material, (shown in dotted lines,) is placed in position upon the reel after removing one of the rods *m m*, when the rod will be passed through the eye *l*, through the roll E of wire-cloth, and through the eye *l* of the arm D′, when the rod will be secured in place by means of the thumb-screw *n*.

Each roll-holder is capable of holding two rolls, and the reel may be turned on its pivot, so as to expose either of the rolls to view.

I do not claim, broadly, in this application a reel for rolls of wire-cloth and other fabrics, comprising a vertical post pivoted to turn horizontally, and having a series of vertical roll-holders connected to its opposite flat faces by horizontal pivots and provided with removable roll-holding rods or bars, as the same is embraced in my application, Serial No. 214,249, filed September 22, 1886.

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

1. In a reel for holding wire-cloth and other fabric, a vertical body, a vertical roll-holder, a horizontal pivot or shaft connecting said holder to the body, whereby the holder may be swung from a vertical to a horizontal position, and a locking device upon the body en-

gaging and holding the roll-holder in either of its two positions, substantially as set forth.

2. The combination, with the vertical body, of the vertical roll-holder, a horizontal shaft connecting the holder to the body, and a locking-latch on the body engaging the said shaft and constructed to lock the holder in its vertical or horizontal position.

3. The combination, with the vertical body, of the roll-holder, a horizontal shaft connecting the holder and body and having a flange on one end provided with notches, and a latch mounted on the body and engaging one or the other notches to lock the holder in either of its positions, substantially as set forth.

4. The combination, with the vertical body, of the tubular transverse shafts extending therethrough and formed with sockets on their outer ends, the roll-holders each having a bar resting in said sockets, the bolts passed through the said bars and shafts and having clips holding the rods in the sockets, and nuts on their opposite ends, substantially as set forth.

5. The combination, with the vertical body, of the roll-holder comprising the bar *c*, pivoted to the body and having the V-shaped arms at its ends, the outer or diverging ends of said arms having the sockets *l*, and the rods *m m*, extending through said sockets, whereby two rolls of fabric may be carried by each holder, substantially as set forth.

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Witnesses:
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