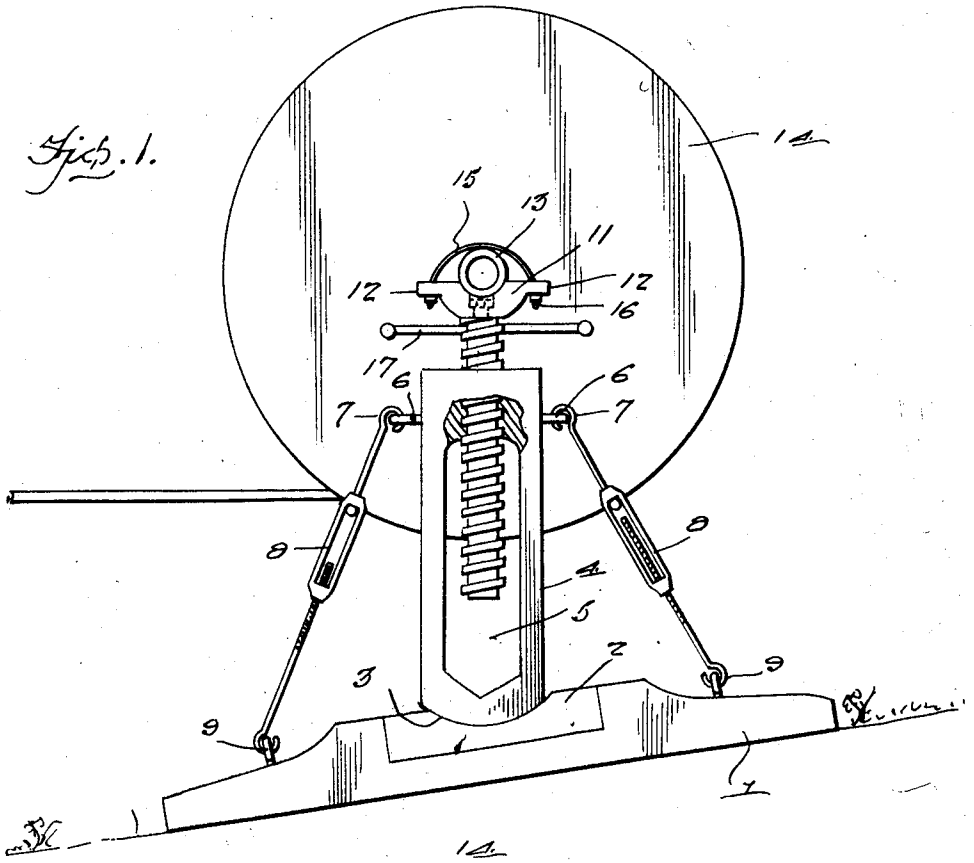
April 16, 1929. J. E. WALLACE ET AL 1,709,506

ADJUSTABLE SPOOLING DEVICE

Filed Oct. 26, 1927

Fig. 1.



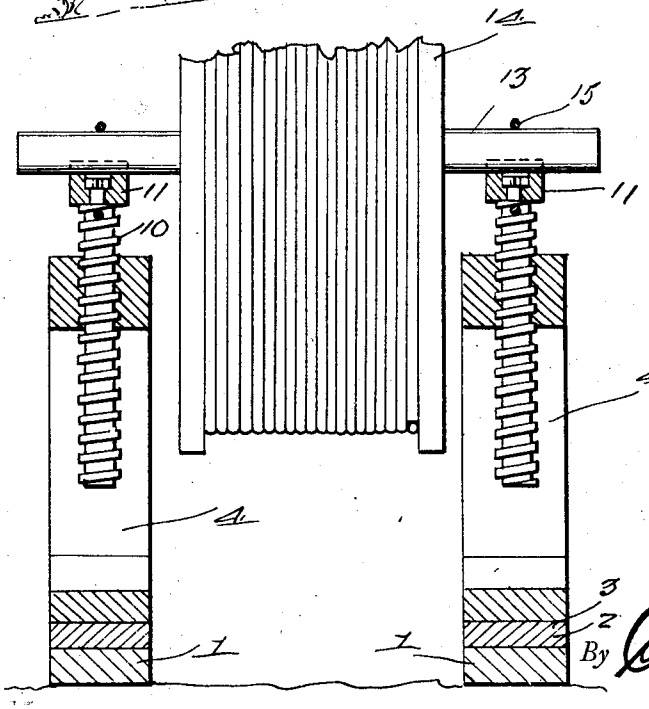


Fig. 2.

Inventors

John E. Wallace

H. B. Carlson

By Clarence A. O'Brien

Attorney

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UNITED STATES PATENT OFFICE.

JOHN EARL WALLACE AND HARRY BERNHARDT CARLSON, OF PAMPA, TEXAS.

ADJUSTABLE SPOOLING DEVICE.

Application filed October 26, 1927. Serial No. 228,827.

Our invention relates to improvements in adjustable spooling devices, for winding or paying off wire or rope, and which may readily be adjusted to the proper position when the same is disposed on slope or other unlevel surfaces.

The purpose of our invention is to provide a spool mounting provided with novel adjusting means whereby the spool may be jacked to a position for the proper operation of same, the main object of the device being to provide a mounting which may be adjusted not only lengthwise to its face, but also laterally.

Another object resides in the simple and demountable construction of the device whereby the same may be mounted within a short period of time and packed in an area of small compass.

Other very novel objects and advantages of the device will become apparent as the same is better understood from the specification and claims to follow.

In the drawing:—

Figure 1 is a side elevation of our improved adjustable spooling device, and

Fig. 2 is a vertical sectional view disclosing the means for adjusting the spool laterally.

Now for a more detail description of our invention, we now refer to the drawings in which like numerals designate like parts. A pair of elongated base bars 1 connected together in a suitable manner not shown in the drawing, each of said bars being formed with an elongated opening in the top intermediate portion thereof, in which is disposed a wear resisting block 2, preferably of metal, or any other durable material.

The top surface of the wear resisting block is formed with a curvilineal recess 3. Adapted for supported position upon each of the wear resisting blocks 2, and within the curvilineal recess 3, is the lower curved end portion of a standard 4, the intermediate longitudinal portion of the standard 4 being open as at 5, while the upper end of the standard is formed with a vertically extending threaded bore communicating with the opening 5 from the top edge of the standard.

At opposed edge portions of the standard, eyelet members 6 are secured, in which the hooked end portion 7 of turn buckle devices 8 engage. The lower hooked end portions of the respective turn buckle devices engage in respective eye members 9, located adjacent the respective end portions of the respective elongated base bars. By tightening the turn buckle at one edge of the standard, and untightening the other turn buckle, the standard 4 may be tilted to the proper adjusted position.

Adapted for threaded relation through the vertically extending threaded bars, at the top portion of the respective standards, is an elongated screw 10. The lower extremity of the respective screws are adapted for depending relation within the opening 5, while the upper end of the same is reduced and has swiveled thereon the bearing 11.

The bearing plate 11 is provided with ear projections 12, the respective bearing plates being formed with a curved recess in which the shaft 13 of the usual spool 14 is adapted to bear. To retain the shaft 13 against accidental displacement from the recesses in the respective bearing plates, a curvilineal strap member 15 is adapted to be disposed over the shaft in a manner shown clearly in Fig. 1 of the drawing, and having its respective end portions projecting through the ear members 12, and secured therein in place by suitable detachable means 16. Directly below the bearing plate, a transverse bore is formed in the screw 10, through which a turn bar 17 is disposed.

In employing our spooling device upon sloping ground, the same may be adjusted to a position, whereby the shaft of the spool will regain its horizontal position. However, when the shaft is transverse to the direction of the slope, then the upstanding standards 4 may be adjusted in angular relation to the base bars 1, whereby the same will be properly supported, and the liability that the same will tilt over is materially lessened.

Having thus described our invention, what we claim as new is:—

1. In an adjustable spooling device, a pair of base bars, each of said base bars being formed with a curved recess intermediate its length, a pair of upstanding supports having their lower respective ends curved and engageable in the curved recess of the base bar, construction at the top of each support for rotatably supporting a spool, and means at opposed sides of the respective supports

whereby the support may be adjusted to the proper angular relation in respect to the base.

2. In an adjustable spooling device, a pair of base bars, each of said base bars being formed with a recess, a block of wear resisting material disposed within said recess, said block being formed with a curved recess in the top surface thereof, an upstanding support on each of said base bars, the lower end portion of said support being curved and engageable in the curved recess of the block, construction at the top of each support for supporting a spool, and means at each side of the respective supports in connection with the respective base bars whereby the support may be adjusted to an angular position in respect to said base bars.

In testimony whereof we affix our signatures.

JOHN EARL WALLACE.
HARRY BERNHARDT CARLSON.