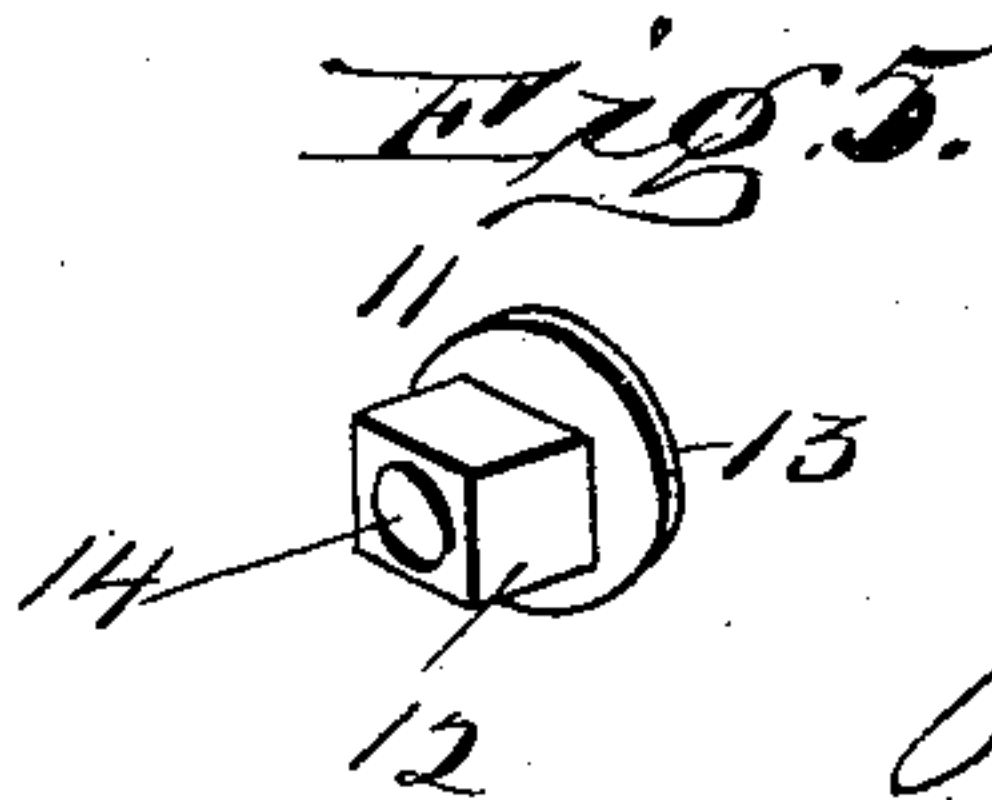
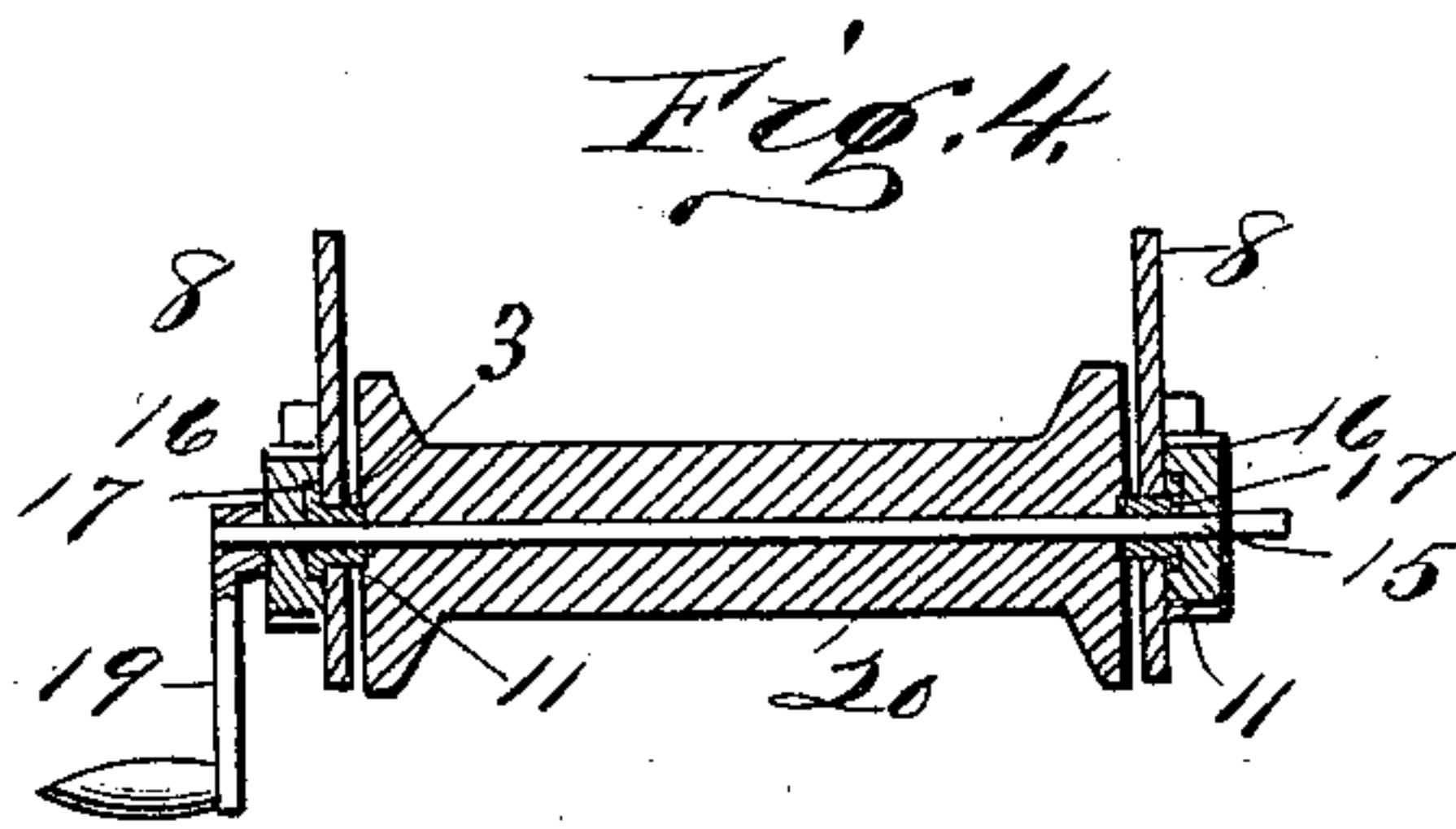
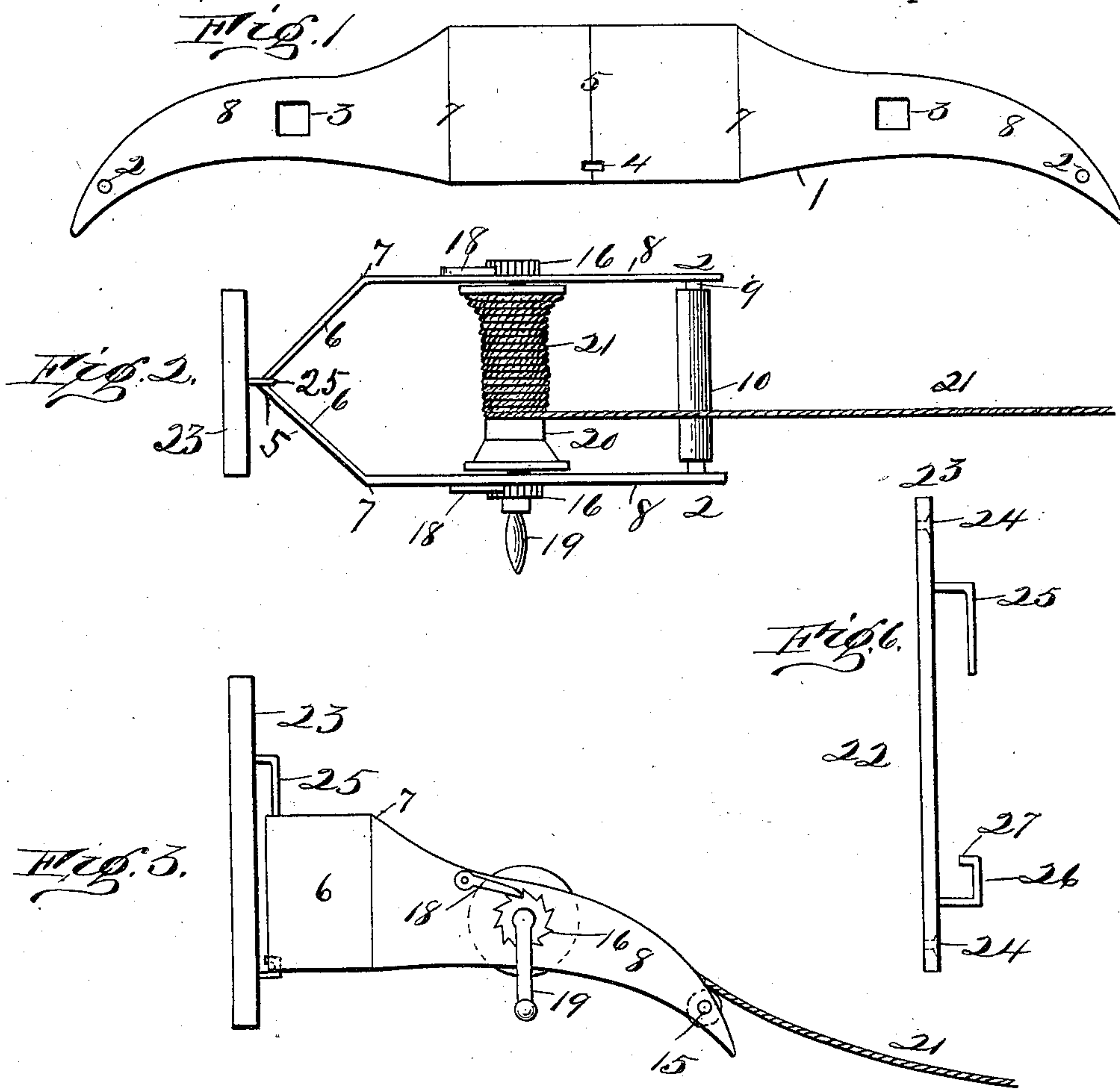


(No Model.)

T. J. PEARSON.
CLOTHES LINE REEL.

No. 581,009.

Patented Apr. 20, 1897.



Witnesses:
J. M. Fowler
R. E. Rabbitt.

Inventor
T. J. Pearson
By John V. Duffie
Attorney

UNITED STATES PATENT OFFICE.

THOMAS J. PEARSON, OF VIENNA, VIRGINIA.

CLOTHES-LINE REEL.

SPECIFICATION forming part of Letters Patent No. 581,009, dated April 20, 1897.

Application filed July 16, 1896. Serial No. 599,425. (No model.)

To all whom it may concern:

Be it known that I, THOMAS J. PEARSON, a citizen of the United States, residing at Vienna, in the county of Fairfax and State of Virginia, have invented certain new and useful Improvements in Clothes-Line Reels; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention is a clothes-line reel; and it consists of a frame and mechanism for holding, stretching, and storing a clothes-line and of means for securing said device to a tree, post, or wall.

In the accompanying drawings, Figure 1 is a face view of the sheet of metal out of which the walls of my invention are constructed. Fig. 2 is a top plan view of my invention. Fig. 3 is a side elevation of my invention. Figs. 4, 5, and 6 are detail views of my invention.

My invention is described as follows:

1 is a plate made of heavy sheet-iron or other like material and is provided with perforations 2, 3, and 4. The plate is bent at 5, forming a V extension 6, and in the acute part of the V extension is the perforation 4. The plate is then again bent at 7 7, and the two arms 8 8 are fixed parallel to each other by means of a rod 9, the ends of which are securely fixed in the perforations 2. On this rod 9 is journaled a spool 10. In the square perforations 3 are fixed bearings 11, the neck 12 (see Fig. 5) being placed in the perforations 3 and the flanges 13 bearing against the outer faces of the arms 8. Through the perforations 14 in said bearings is journaled an axle 15, and on either end of said axle and bearing against the flange 13 are ratchet-wheels 16. These ratchet-wheels keep the bearings 11 from coming out of place, but each is provided with an inner recess 17, in which the flanges 13 lie, so that the inner faces of said ratchet-wheels may work against the outer faces of the arms 8. Each of said ratchet-wheels is provided with a dog 18, and each end of the axle 15 is adapted to receive a crank-handle 19. This crank-handle may be used on either end of said axle, as convenience may require.

On the axle 15 and between the arms 8 is

rigidly secured a spool 20, and to this spool is secured the clothes-line 21, which may be wound or unwound at pleasure.

As a part of this invention I have devised a bracket 22, consisting of a plate 23, having perforations 24, and near the upper end of the plate an arm 25, which extends outward from the plate 23 and then downward parallel to the face of the plate for a short distance, and near the lower end of the plate an arm 26, extending outward from the face of the plate, then upward parallel with the face thereof, and then turned in, forming a nib 27.

In rigging my invention for use the plate 23 is secured against the face of a tree, post, or wall, with the arm 26 down. Then the upper edge of the V extension 6 is pushed up between the arm 25 and the face of the plate 23 until the lower edge thereof will pass between nib 27 and the face of the plate. The plate 1 is let down, in which position the nib 27 is immediately opposite the perforation 4, and as soon as tension on the line 21 is had said nib 27 passes through the perforation 4.

The object of having the V-shaped part 6 is that the device may be turned either to the right or left to accommodate itself to the free end of the line.

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

1. The combination of plate 1, having the perforations 2 and 4, and square perforations 3, the V extension 6 and arms 8, 8; the rod 9, axle 15, crank-handle 19 and bracket 22, comprising the plate 23, having perforation 24; arm 25, extending outward and downward and arm 26, extending outward, upward and inward, substantially as shown and described and for the purposes set forth.

2. The combination of the plate 1, having the perforations 2 and 4, and square perforations 3, the V extension 6 and arms 8, 8; the rod 9, spool 10, bearings 11, fitting in the square perforations; axle 15, ratchet-wheels 16; dogs 18; crank-handle 19 and spool 20, substantially as shown and described and for the purposes set forth.

3. The combination of the plate 1, having the perforations 2 and 4, and square perforations 3; the V extension 6, and arms 8, 8; the rod 9, spool 10, bearings 11, fitting in the square

perforations; axle 15; ratchet-wheels 16; dogs
18, crank-handle 19; spool 20, and bracket 22,
comprising the plate 23, having perforations
24, arm 25, extending outward and downward,
5 and arm 26, extending outward, upward and
inward, substantially as shown and described
and for the purposes set forth.

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

THOMAS J. PEARSON.

Witnesses:

H. A. BOWMAN,
L. L. FREEMAN.