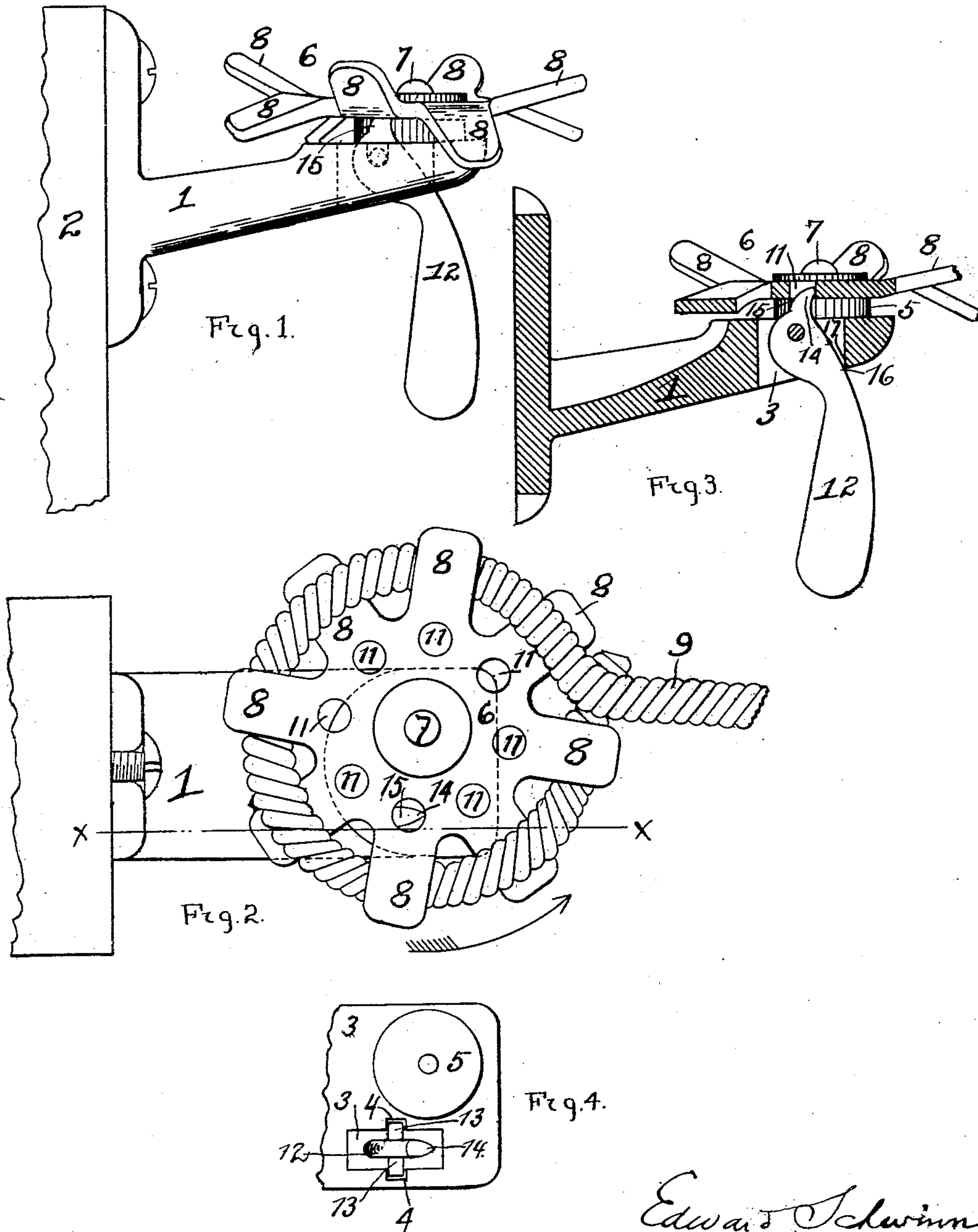


No. 751,688.

PATENTED FEB. 9, 1904.

E. SCHWINN.
CLOTHES LINE SUPPORT.
APPLICATION FILED OCT. 17, 1903.

NO MODEL.



Witnesses.

J. Fred Hemberger.

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UNITED STATES PATENT OFFICE.

EDWARD SCHWINN, OF DAYTON, OHIO.

CLOTHES-LINE SUPPORT.

SPECIFICATION forming part of Letters Patent No. 751,688, dated February 9, 1904.

Application filed October 17, 1903. Serial No. 177,405. (No model.)

To all whom it may concern:

Be it known that I, EDWARD SCHWINN, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Clothes-Line Supports; and I do 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in clothes-line supports, and possesses the novel features hereinafter described and claimed.

Preceding a detail description of the invention, reference is made to the accompanying drawings, of which—

Figure 1 is a side elevation of the upper portion of a post having my clothes-line support attached thereto. Fig. 2 is a top plan view. Fig. 3 is a side elevation showing the bracket in section and the wheel partially in section on the line *xx* of Fig. 2. Fig. 4 is a top plan view of a portion of the bracket.

In a detail description of the invention similar reference characters indicate corresponding parts.

The bracket 1 is attachable to a post 2 and has a suitable slot 3 in one side thereof with lateral recesses 4 extending therefrom. Projecting upwardly from said bracket is a boss 5, upon which the wheel 6 is pivoted by means of a pivot-pin 7. The said wheel has a series of radial arms 8, which alternately point upwardly and downwardly on suitable angles to permit of the end of the clothes-line 9 being secured to said wheel by being passed above and below said arms, as shown in Fig. 2. Between the inner terminal of each of said arms and the pivot of the wheel there is an opening 11, the number of such openings corresponding with the number of arms.

12 is a gravity-dog extending through the opening 3 in the bracket and having its trunnions 13 resting in the recesses 4. The said dog has an upwardly-pointed nose 14, the rearward side 15 of which is inclined in order to permit

the wheel to be rotated freely in the direction of the arrow (see Fig. 2) without the said nose retarding its movement. The nose of said dog projects a slight distance into each opening 11 in the wheel as said wheel is turned to take up the rope. In the opposite movement of said wheel the nose of said dog engaging in the opening 11 immediately above it will lock said wheel against such movement. The surface 16 of the dog engages with the adjacent surface 17 of the slot 3, and the dog is held thereby. It will be understood that one end of the clothes-line is secured in the usual manner to a post (not shown) and that the other end is attachable to the device in a manner hereinbefore set forth. After said end is so attached the wheel 6 is turned a sufficient extent to tighten the line, the said dog 12 allowing the openings 11 in the wheel to freely pass over it while the wheel is being turned. The nose of said dog engaging an opening 11 as soon as the movement of the wheel is stopped will hold said wheel against any retrograde movement.

Having described my invention, I claim—

1. In a clothes-line support, the combination with a bracket, of a wheel having a series of radial arms projecting upwardly and downwardly to provide intervening spaces for the attachment of the clothes-line, the said wheel having a series of openings adjacent to the inner terminals of the arms, and a gravity-dog pivoted in the bracket and having its engaging end projecting upwardly in a position to enter the openings in said wheel.

2. In a clothes-line support, a bracket having an opening therein, and an adjacent boss projecting from the upper side thereof, in combination with a wheel pivotally attached to said boss, the said wheel having a series of radial arms projecting therefrom, and alternately projected upwardly and downwardly to provide means for the end of the clothes-line to be secured to said wheel, a series of openings concentrically arranged in said wheel, one of such openings being adjacent to the inner terminal of each of said arms, and a gravity-dog pivoted in the opening in the bracket in a position to engage the openings in the wheel and to permit said wheel to be turned in one direction in tightening the

clothes-line and to lock said wheel against opposite rotation.

3. In a clothes-line support, a bracket having an opening in one side thereof, and a boss projecting from the upper surface of said bracket adjacent to said opening, a wheel pivoted upon said boss, said wheel having a series of radiating arms projected alternately upwardly and downwardly to provide intervening spaces for the clothes-line to pass above and below said arms in securing the same, a series of circular openings extending around said wheel in line with the inner terminals of

said arms, and a gravity-dog pivoted in the opening in the bracket and having its nose projected upwardly to enter said openings as the wheel is rotated, the nose of said dog being inclined on one side as at 15 to permit of the rotation of the wheel without interlocking with the dog, substantially as set forth.

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

EDWARD SCHWINN.

Witnesses:

R. J. McCARTY,
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