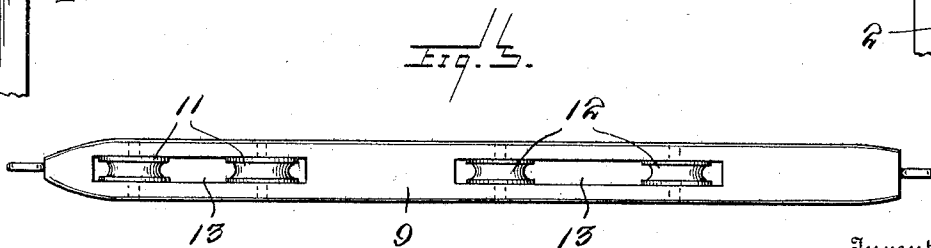
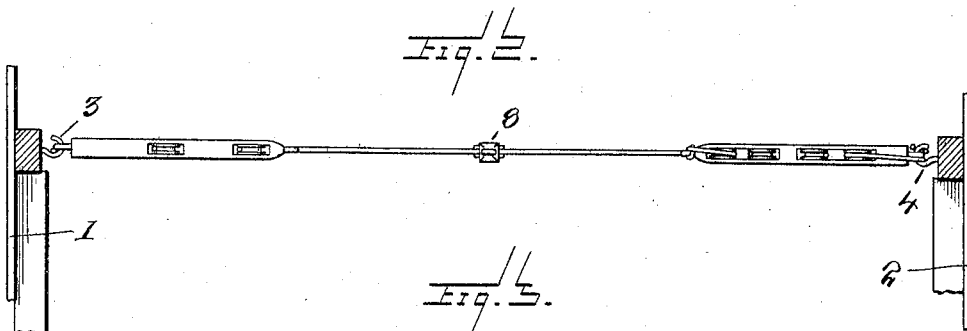
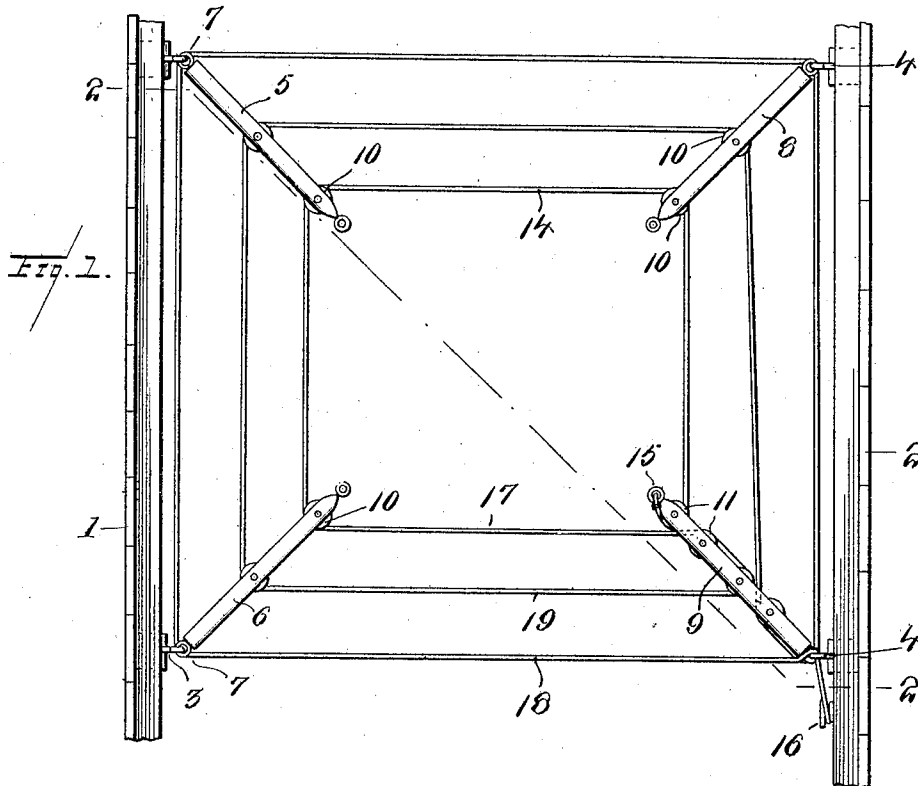


P. T. KAVANAGH.
CLOTHES LINE SUPPORT.
APPLICATION FILED APR. 27, 1910.

1,058,595.

Patented Apr. 8, 1913.



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UNITED STATES PATENT OFFICE.

PATRICK T. KAVANAGH, OF BALTIMORE, MARYLAND.

CLOTHES-LINE SUPPORT.

1,058,595.

Specification of Letters Patent.

Patented Apr. 8, 1913.

Application filed April 27, 1910. Serial No. 557,869.

To all whom it may concern:

Be it known that I, PATRICK T. KAVANAGH, a citizen of the United States of America, residing at Baltimore, in the State of Maryland, have invented new and useful Improvements in Clothes-Line Supports, of which the following is a specification.

This invention relates to clothes lines, and has for an object to provide a device of this character including companion pairs of line supporting members which are adapted to be supported upon companion fences or similar spaced supporting members, the line being supported by the said companion pairs of members so as to present a substantially web-like structure.

In the drawings, forming a portion of this specification and in which like numerals of reference indicate similar parts in the several views:—Figure 1 is a top plan view of my improved clothes line. Fig. 2 is a horizontal section taken on the line 2—2 of Fig. 1, and Fig. 3 is a side elevation of one of the line-supporting members.

With reference to the drawing, the device is designed for use in a yard which is defined by companion fence structures 1 and 2, the structure 1 being provided with a pair of suitably spaced hooks 3, and the structure 2 being provided with similar hooks 4. A pair of supporting members 5 and 6 are supported by the fence structure 1, the said members being provided at their outer extremities with eyes 7 which receive the hooks 3. Similar supporting members 8 and 9 are supported by the hooks 4 on the fence structure 2. The supporting members 5, 6 and 8 are identical in construction and each is provided with a roller 10 adjacent its free end and a like roller adjacent the medial portion thereof. The member 9 is somewhat different in construction from the members 5, 6 and 8 just described, and constitutes a locking member. As illustrated, it is provided with companion pairs of rollers 11 and 12, the said rollers being rotatably mounted between the walls of the slots 13 in the so-called locking member.

The clothes line 14 is adapted to be secured to an eye 15 provided on the free end of the locking member 9 and to be passed

around rollers 10 adjacent the roller 11 adjacent the free end of the member 9, around the rollers 10 adjacent the free ends of the other supporting members, then around the other roller 11 on the member 9, outwardly around the innermost roller 12 thereof, and back around the rollers 10 of the other members, and finally around the outermost roller 12 on the locking member. The line thus forms rectangular stretches 17 and 19. In the erection of the device into horizontal, operative position with the supporting members radiating from the center of an imaginary rectangle and assuming the diagonal lines thereof, the stretch 19 is grasped with one hand adjacent the locking member 9 and drawn so as to tighten the stretch 17. Then, without releasing the grasp on the stretch 19, the free portion of the line is grasped with the other hand and is drawn so as to tighten the stretch 19. Then, the said free portion of the line may be fastened directly to an attaching cleat 16 carried by the fence structure 2, or it may be passed around the supporting hooks 3 and 4 to form an additional stretch 18 before being attached to the cleat 16.

I claim:

In a device of the class described, the combination with a pair of parallel supporting structures, of a pair of arms pivotally attached at their outer ends to each support in spaced relation to each other, said arms adapted to lie within the diagonal lines of an imaginary horizontal rectangle, a pair of spaced pulley wheels journaled in one of the arms adjacent its free end, a second pair of spaced pulley wheels journaled in said arm intermediate of its length, said arm constituting a locking arm, a single pulley wheel journaled in each of the remaining arms adjacent the free end thereof, a pulley wheel journaled in each of the last named arms intermediate of its length, means for attaching one end of a clothes line to the free end of the locking arm, and means for detachably securing the other end of the clothes line to one of the supports adjacent the outer attached end of said locking arm, said arms adapted to have a clothes line passed from its point of attach-

ment to the free end of the locking arm, around the outer portions of the pulley wheels attached to their free ends, around the intermediate pulley wheels on the said locking arm, then back around the outermost pulley wheels of the remaining arms, and around the inner portion of the outermost pulley wheel on the said locking arm

to its point of attachment with the corresponding supporting structure. 10

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

PATRICK T. KAVANAGH.

Witnesses:

JOHN C. DISTLER,
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."