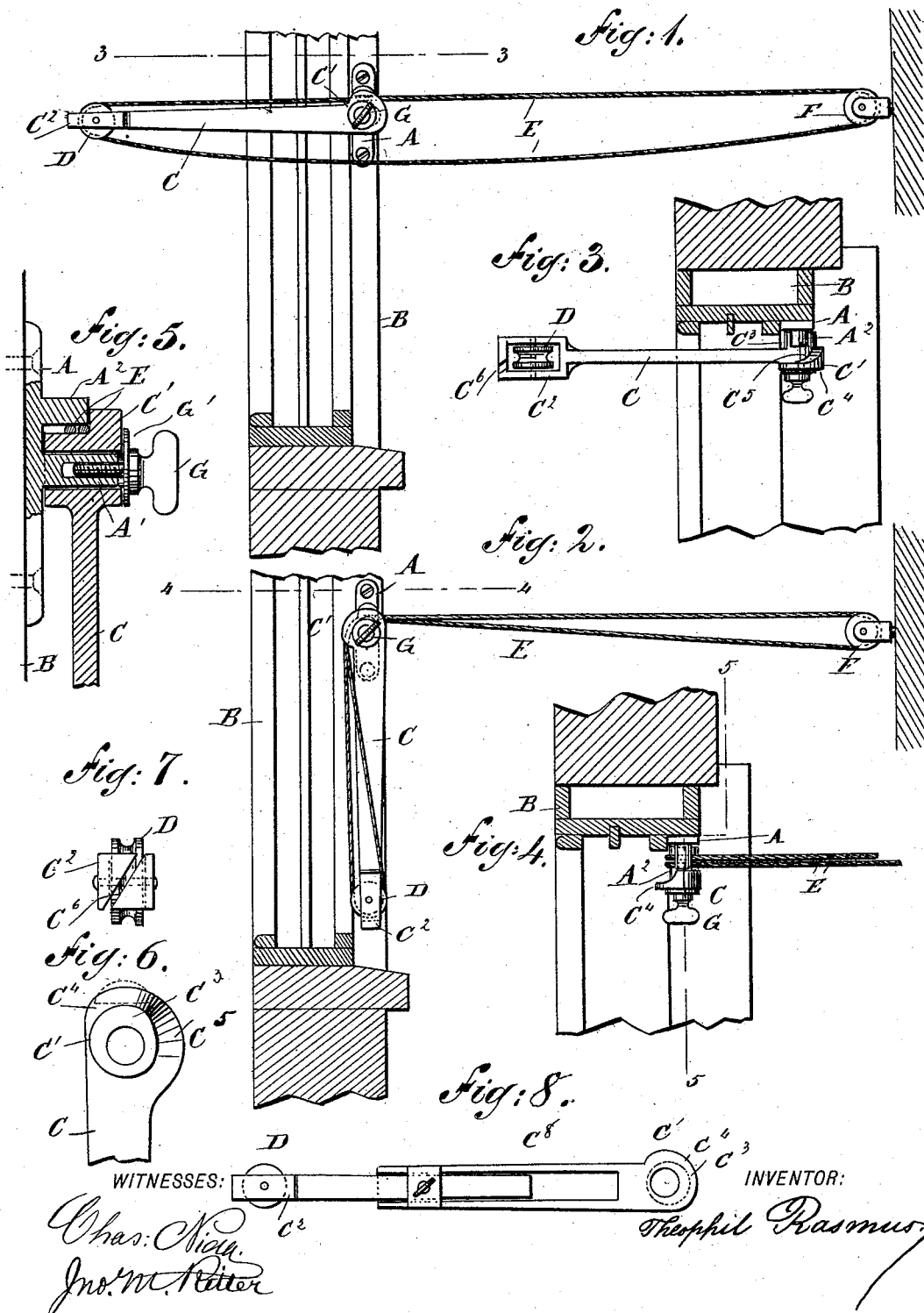


(No Model.)

T. RASMUS.
SAFETY CLOTHES LINE SUPPORT.

No. 494,162.

Patented Mar. 28, 1893.



UNITED STATES PATENT OFFICE.

THEOPHIL RASMUS, OF LONG ISLAND CITY, NEW YORK.

SAFETY CLOTHES-LINE SUPPORT.

SPECIFICATION forming part of Letters Patent No. 494,162, dated March 28, 1893.

Application filed March 15, 1892. Serial No. 425,028. (No model.)

To all whom it may concern:

Be it known that I, THEOPHIL RASMUS, a citizen of the United States of America, and a resident of Long Island City, Queens county, and State of New York, have invented a new and useful Improvement in Safety Clothes-Line Supports, of which the following is a specification.

The object of this invention is to provide a new and improved clothes-line support which is simple and durable in construction, arranged so that the operator can conveniently place the washed goods upon the line without danger, and adapted to automatically lock the line in place, to prevent unauthorized persons from manipulating the line at the outer end, and removing the clothes from the line.

The invention consists in certain features of construction and combination of parts as hereinafter described and indicated in the claims.

Reference is to be made to the accompanying drawings forming part of this specification in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1., is a side elevation of the improvement as applied, the window casing being shown in section. Fig. 2., is a like view of the same in a locked position. Fig. 3., is a sectional plan view of the same on the lines 3. 3. of Fig. 1. Fig. 4., is a similar view of the same on the lines 4. 4. of Fig. 2. Fig. 5., is an enlarged transverse section of the same on the lines 5. 5. of Fig. 4. Fig. 6., is an enlarged rear face view of the pivot end of the swinging arm. Fig. 7., is an end view of the free end of the swinging arm, and Fig. 8., is a side elevation of a modified form of the swinging arm.

My improved clothes-line support is provided with a suitable bracket A, secured to the face of one of the jambs of the window casing B, and from the face of the bracket projects a pivot pin A', on which is mounted to turn the head C', fixed on an arm C, provided at its free end C², with a pulley D, over which passes the inner end of the clothes-line E, also passing at its outer end over a pulley F, held on a post or other support located a distance from the window casing in the yard or other place adjacent to the house.

On the inner face of the head or pivot end C' of the arm C is formed an eccentric hub C³, over which is adapted to pass either one or both the strands of the clothes-line E and which forms in conjunction with a fixed lug A² on the bracket A, a clamp for securely clamping the two strands of the line E in place when the arm C hangs downward as is plainly illustrated in Figs. 2, 4 and 5. The lug A² is arranged above the hub C³ and on its outer end is adapted to butt the inner face of a flange C⁴, arranged on the head C' and provided with an incline C⁵ the outer end of which terminates in line with the front face of the arm C so that when the latter is in a horizontal position as shown in Figs. 1 and 3, the top strand of the line E can pass uninterruptedly from the pulley D over the hub C³ to the pulley F, as will be readily understood by reference to the said figures. When the arm C has been moved into this horizontal position, it is securely locked in place by a thumb screw G, screwing in the pivot A', and engaging with its flange G' the face of the head C' of the arm C. When the arm C is locked in this position by the thumb screw G it extends into the room, and the line E is now used and manipulated to hang the clothes thereon and move the latter out into the air for drying in the usual manner. After the clothes are hung on the line the operator takes hold of the lower strand of the line E and lifts the same up onto the hub C³ alongside the other strand. The operator now loosens the thumb screw G and swings the arm C downward into the position shown in Figs. 2, 4 and 5. By doing so, the incline, C⁵ on the flange C⁴ pushes the two strands toward the bracket A under the fixed lug A² and at the same time the eccentric hub C³ carries the strands upward and presses the same against the underside of the fixed lug A² thus clamping the strands in place and thereby securely locking the line in position. The line E can not now be manipulated from the outer end at the pulley F, thus preventing removal of the clothes by unauthorized persons. When the arm C is in a vertical position, the thumb screw G is screwed up to lock the arm in place.

When it is desired to remove the clothes, the thumb screw G is loosened, the arm C is

swung upward into a horizontal position and again locked therein as before described. During the upward movement of the arm, the two clamped strands of the line are released
5 and can be moved out from under the fixed lug A². The outer strand of the line is then lifted off the hub C³, and the line is again in position for further use.

In order to take up any slack in the line E,
10 the arm can be made sectional as illustrated in Fig. 8, so as to be lengthened or shortened, as the case may require. In this figure the arm is designated C⁸. To conveniently place a new line on the support, the free end C² of
15 the arm C is formed with a slot C⁶ extending diagonally to the periphery of the pulley D, as is plainly illustrated in Fig. 7. The line can be readily pressed through this slot onto the pulley D without separating the line at
20 the spliced or otherwise fastened ends.

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

1. A safety support for clothes lines comprising a bracket, an arm pivoted on the said
25 bracket and forming with the latter and on its pivotal end a clamp for locking the clothes

line in place, and means substantially as described for locking the arm in place at its pivot end as set forth.

2. A safety support for clothes-lines comprising a bracket provided with a pivot and a fixed lug, and an arm provided with an eccentric hub engaging the said pivot, and forming with the said fixed lug a clamp for locking the clothes-line in place, substantially as
30 shown and described.

3. A safety support for clothes-lines comprising a bracket provided with a pivot and a lug, and an arm having an eccentric hub engaging the said pivot, and forming a clamp
40 with the said lug, and a flange held on the head of the said arm, and formed with an incline to push the clothes-line strands between the said hub and the said lug, substantially
45 as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 12th day of March, 1892.

THEOPHIL RASMUS.

Witnesses:

CHARLES NIDA,
EMILIE NIDA.