

Patented Jan. 9, 1912.

1,014,291.

Fig. 7

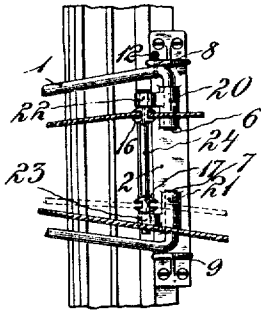


Fig. 1.

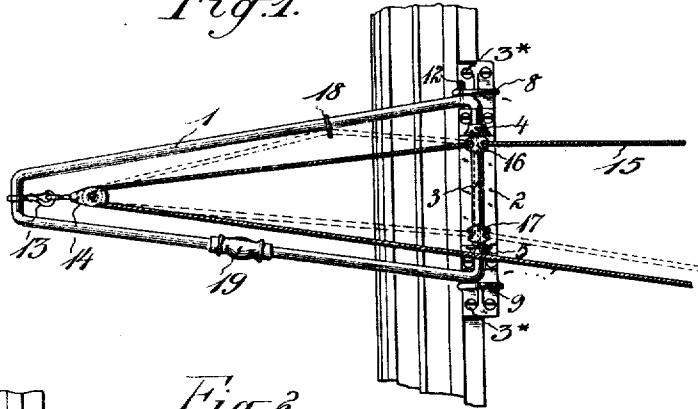


Fig. 2.

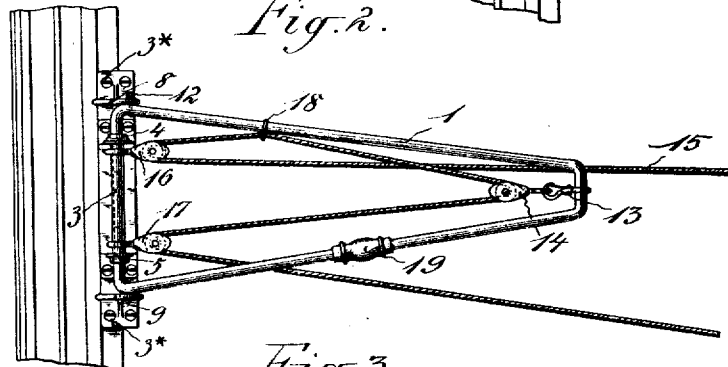


Fig. 8.

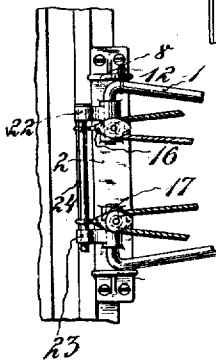


Fig. 3.

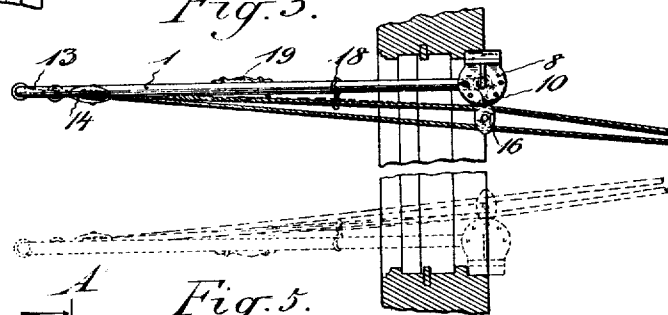


Fig. 4.

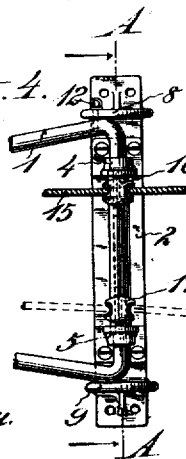


Fig. 5.

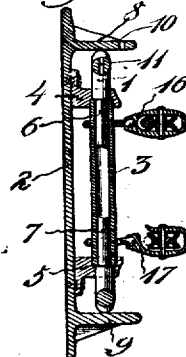
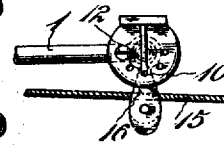


Fig. 6.



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UNITED STATES PATENT OFFICE.

GUSTAVE FREY, OF NEW YORK, N. Y.

CLOTHES-LINE SUPPORT.

1,014,291.

Specification of Letters Patent.

Patented Jan. 9, 1912.

Application filed March 31, 1908. Serial No. 424,346.

To all whom it may concern:

Be it known that I, GUSTAVE FREY, a citizen of the United States, and resident of the borough of the Bronx, in the city and State of New York, have invented a new and useful Improvement in Clothes-Line Supports, of which the following is a specification.

The object of my present invention is to provide certain improvements in the construction, form and arrangement of the several parts of a clothes line support of that type which is applied to an endless clothes line for swinging the inner end of the line into the interior of the room when it is desired to attach clothes thereto.

A practical embodiment of my invention is represented in the accompanying drawings in which—

Figure 1 represents a portion of a window casing with my improved clothes line support attached thereto, the parts being in the positions which they assume when the inner end of the clothes line is brought into the interior of the room. Fig. 2 is a similar view showing the position of the parts when the supporting arm is swung to the limit of its outward movement, Fig. 3 is a detail horizontal section through the window casing showing the clothes line support in full lines attached to one side of the casing and in dotted lines attached to the other side of the casing, Fig. 4 is an enlarged detail face view of the support, Fig. 5 is a section taken in the plane of the line A—A of Fig. 4, looking in the direction of the arrows, Fig. 6 is a detail top plan view of the support, Fig. 7 is a detail face view of a modified form of support showing it attached to the window with the parts shown in the positions which they assume when the supporting arm is at the limit of its inward movement, and Fig. 8 is a similar view showing the positions which the parts assume when the supporting arm is swung to the limit of its outward position.

The horizontally swinging supporting arm is denoted by 1 and the base to which it is hinged is denoted by 2. This base 2 may be firmly secured to the window casing exterior to the window, by screws 3* or other suitable fastening devices. The arm 1 is pivoted to the base 2 as follows. A vertically arranged hollow tube 3 is supported at its ends within upper and lower brack-

ets 4, 5, secured to the base 2. The ends 6, 7, of the upper and lower members of the arm 1 are inserted through the brackets 4, 5, into the tube 3. Upper and lower shelves 8, 9, are located adjacent to the inner ends of the arm 1. One of these shelves, in the present instance, the shelf 8, is provided with an annular series of holes 10 which are arranged to be brought into alinement with a hole 11 in the adjacent portion of the arm 1 when the arm is brought into different angular positions so that the locking key 12 may be inserted through one of the holes 10 into the hole 11 for securing the arm in position. The free end of the arm 1 is provided with a hook 13 for the attachment of a pulley block 14 through which passes the endless clothes line 15. The upper section of this clothes line also passes through a pulley block 16 carried by the tube 3. The lower section of the clothes line may be removably engaged by an open pulley block 17 also carried by the tube 3. A hook 18 is carried by the upper member of the arm 1 in position to engage the upper section of the clothes line when the arm is swung to the limit of its outward movement, for permitting the clothes line to assist in holding the arm in such position and thus reducing the strain upon the locking key 12. The lower member of the arm 1 is provided with a suitable handle 19 for facilitating the swinging of the arm to its different positions.

In the modified form shown in Figs. 7 and 8, the brackets 4, 5, and the tube 3 are eliminated. In this form upper and lower lugs 20, 21, are provided for the ends 6, 7, of the arm. Ears 22, 23, project inwardly from the lugs 20, 21, and a vertical bar 24 extends between these ears. Pulley blocks 16 and 17 are secured to this bar 24 instead of to the tube 3 as in the form shown in Figs. 1 to 6 inclusive.

In operation, after the arm is swung into the interior of the room, the locking pin 12 is inserted through one of the holes 10 into the hole 11 in the arm for holding the arm at the limit of its inward movement. The lower section of the clothes line is then disengaged from the pulley block 17 and the clothes as they are hung on this lower section of the line, are successively moved out through the window. After the desired number of pieces have been attached to the

lower section of the line, the said lower section is engaged with the pulley block 17. The locking pin 12 is then removed, thus permitting the arm to be swung to the limit of its outward movement. The locking pin 12 is then again inserted through one of the holes 10 in the shelf 8, into the hole 11 in the swinging arm for holding the arm in this position. The upper section of the clothes line is also engaged with the hook 18 as an additional hold on the said arm.

It is evident that various changes might be resorted to in the construction, form and arrangement of the several parts without departing from the spirit and scope of my invention hence I do not wish to limit myself strictly to the structure herein set forth, but

What I claim is:

1. A clothes line support comprising a line carrying arm pivoted to swing horizontally into its inner and outer positions, and a hook carried by the arm arranged to engage the short upper section of the clothes

line when the arm is in its outer position for the purpose of steadying said arm.

2. A clothes line support comprising a base, brackets thereon, a tube carried by said brackets, a horizontally swinging arm having its ends pivoted in said brackets and tube and means for locking the arm to the base in either of its inner or outer positions comprising a shelf on the base having an annular series of holes therethrough, the said arm being provided with a hole arranged to be brought into alinement with any one of said holes in the shelf and a locking key arranged to engage one of the holes in the shelf and the hole in the said arm.

In testimony, that I claim the foregoing as my invention, I have signed my name in presence of two witnesses, this twenty-seventh day of March 1908.

GUSTAVE FREY.

Witnesses:

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HENRY THIEME.

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