July 15, 1924. 1,501,096

R. CAVICCHI

CLOTHESLINE HANGER

Filed Oct. 27, 1922

Fig.1.

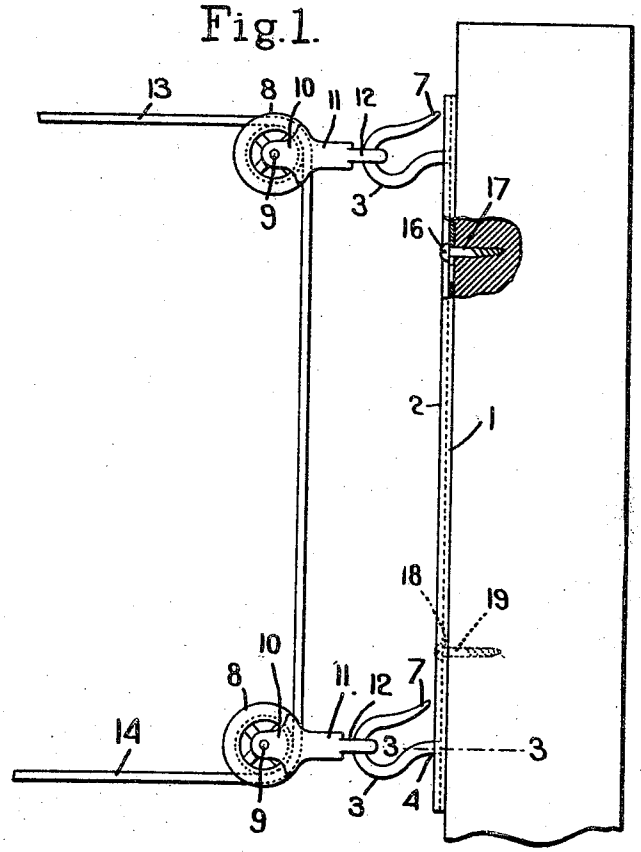


Fig.3.

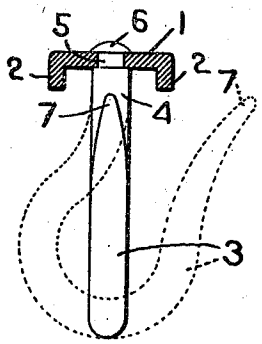
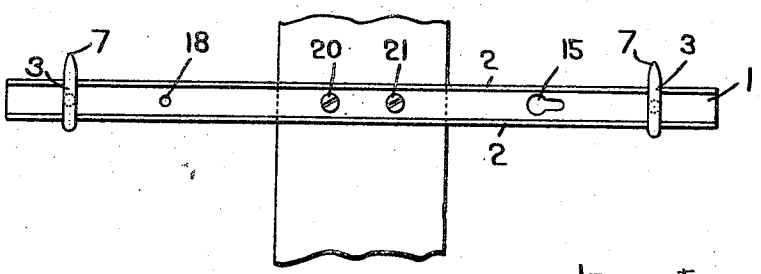


Fig.2.



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UNITED STATES PATENT OFFICE.

ROLAND CAVICCHI, OF QUINCY, MASSACHUSETTS.

CLOTHESLINE HANGER.

Application filed October 27, 1922. Serial No. 597,298.

To all whom it may concern:

Be it known that I, ROLAND CAVICCHI, a citizen of the United States, and resident of Quincy, county of Norfolk, State of Massachusetts, have invented an Improvement in Clothesline Hangers, of which the following description, in connection with the accompanying drawing, is a specification, like characters on the drawing representing like parts.

This invention relates to improvements in clothes line hangers and the object thereof is to provide a novel hanger comprising a bracket for a clothes line pulley which can be readily applied to a pole or other suitable support and a pulley or pulleys conveniently attached to said bracket.

A further object of the invention is to provide a hanger of the character described comprising a plurality of pulley-supporting hooks sufficiently spaced apart to permit clothes to swing freely from the leads of a line leading progressively over the pulleys.

A further object of the invention is to provide a clothes line hanger with a bracket having a hook or hooks rotatably mounted therein with the point of the hook extending at a sufficiently greater distance from the shank of the hook than the distance from the shank of the hook to the edge of the bracket, whereby the eye of the pulley block may be conveniently applied to the hook when the point of the hook is swung beyond the edge of the bracket.

A further object of the invention is to provide a clothes line hanger of the character described adapted to be supported substantially vertically, longitudinally of, a pole or substantially horizontally, transversely of, a pole.

These and other objects and features of the invention will more fully appear from the following description and the accompanying drawings and will be particularly pointed out in the claims.

A preferred embodiment of the invention is illustrated in the accompanying drawing as applied to a clothes pole such as is commonly used in the back yards of rows of apartment houses.

In the drawing:

Fig. 1 is a side elevation of a clothes line hanger embodying the invention secured to a section of a pole, a portion of the pole and hanger being broken away to show the manner in which it is secured to the pole;

Fig. 2 is a front elevation showing the hanger secured transversely of the pole; and,

Fig. 3 is a transverse sectional view through a preferred form of bracket showing the manner in which the hook is rotatably mounted in the bracket.

Usual clothes line hangers comprise a pulley having a pulley block which is secured to a clothes pole or other support with a clothes line passing over the pulley and the leads of the clothes line secured to suitable anchorages spaced apart from each other adjacent the window of the apartment house.

In the use of such clothes lines articles of clothing are progressively secured upon the line and one lead of the line drawn toward the window while the other lead is let out until the first of the garments which have been applied to the line is in proximity to the pulley. In such constructions the leads of the line converge toward the pulley and the garments are frequently blown by the wind against the other lead of the clothes line and frequently wrap around the same, thereby preventing the line from being reeled in when it is desired to remove the garments.

The present invention contemplates the production of a clothes line support having a plurality of pulleys for supporting the line spaced apart a sufficient distance to enable the garments to hang freely over either lead of the line without danger of wrapping around the other lead when blown by the wind.

A further object of the invention is to provide a hanger comprising a bracket which can be readily secured to the pole and the pulleys thereafter conveniently assembled upon the bracket.

In the preferred embodiment of the invention illustrated in the accompanying drawing the hanger is shown as comprising a relatively long rectangular base 1 formed of sheet metal having flanges 2 extending longitudinally thereof and serving to strengthen said base. Such a base may be constructed from a bar of channel iron which can be readily purchased in the market. A pulley-supporting hook or preferably a pair of pulley-supporting hooks are rotatably mounted in the base 1. As illustrated herein the hook or hooks 3 are provided with shanks 4 having stems 5 of smaller diameter

than the shanks of the hooks which extend through a suitable aperture or apertures in the base and are riveted at their end or ends to provide a head or heads 6 which prevent the withdrawal of the stem 5 while permitting the shank of the hook to rotate within the aperture through which the stem 5 extends.

The hook 3 desirably is so constructed that its end 7 is located at a greater distance from the shank 4 than the distance from the shank to the edge of the bracket so that when the hook is swung transversely of the bracket, as illustrated in Fig. 3, the point of the hook will project a sufficient distance beyond the edge of the bracket to enable the eye of a pulley block to be readily applied to the hook, but when over the bracket will prevent removal of said eye.

The preferred form of pulley which is illustrated herein comprises a grooved pulley 8 rotatably mounted upon a shaft or pintle 9 in ears 10 of a pulley block 11 having an eye 12 adapted to embrace the hook 3.

By reason of this construction a universal connection is provided between the pulley and the bracket which will enable it properly to support the clothes line when the leads of the latter extend in any desired direction.

In the preferred form illustrated in Fig. 1 a plurality of hooks and pulleys are provided which are spaced apart a sufficient distance to enable garments, supported by the leads 13 and 14 of a clothes line which passes progressively over the pulleys, to swing freely so that they will not be blown by the wind upon or around the other lead of the clothes line.

A further feature of the invention consists in providing the bracket with means by which it may be secured to the clothes pole or other support in either a vertical or a horizontal position.

In the preferred construction illustrated the bracket is provided near one end with a key-hole slot 15, the cylindrical portion of which is of a sufficient size to receive the head 16 of a screw or bolt and the narrow portion of which is smaller than the head of said screw or bolt so that the screw or bolt may be secured to the pole and the bracket thereafter applied by placing it against the pole so that the head of the bolt will pass through the cylindrical portion of the key-hole slot, then sliding the bracket lengthwise so that the shank 17 of the bolt will lie in the narrow portion of the slot. The other end portion of the bracket may likewise be provided with a key-hole slot, but preferably is provided with a cylindrical hole 18 adapted to receive a screw 19 which will firmly anchor the bracket to the pole and prevent possible upward movement of the bracket occasioned by the blowing of the garments.

The bracket desirably is also provided with a plurality of holes located at equal distances from its longitudinal center adapted to receive screws 20 and 21 by means of which the bracket may be secured transversely of the pole as illustrated in Fig. 2.

In the preferred use of the invention two of the hangers above described are used, one being placed upon a pole and the other secured to the veranda post or adjacent a window or in any other convenient location in which the clothes may be readily placed upon the line. The rope is carried successively over the pulleys of the hangers and the ends of the rope spliced together to form a continuous line, the leads of which extend in parallelism and are held sufficiently far apart by the pulleys on the hangers to enable the clothes, which are pinned upon one lead to swing freely without engaging the other lead as above described.

It will be understood that the embodiment of the invention disclosed herein is of an illustrative character and is not restrictive and that various changes in form, construction and arrangement of parts may be made within the spirit and scope of the claims, and particularly that different forms of pulleys and pulley blocks may be employed; for example, such as, a pulley block having a chain, a link of which may be secured to the hook in the manner above described.

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

1. A clothes line hanger comprising a bracket having a base adapted to be secured to a support, a hook having a shank rotatably mounted in said bracket and a pulley provided with a pulley block having an eye embracing said hook thereby providing a universal support adapted to permit the pulley to operate with the line in any desired position, the point of said hook lying in such proximity to said base as to prevent the eye of the block from being removed from the hook when the end of the latter is over the bracket, but located at a sufficiently greater distance from the shank thereof than the distance from said shank to the edge of said bracket, whereby the eye of the pulley block can be readily applied to said pulley when the point thereof is swung beyond the edge of said bracket.

2. A clothes lines hanger comprising a bracket having a base adapted to be secured to a suitable support, a plurality of hooks having shanks rotatably mounted in said base, pulleys provided with pulley blocks respectively having eyes embracing the respective hooks, said hooks being spaced apart a sufficient distance to permit the clothes to hang freely upon the leads of a line passing progressively over said pul-

leys, the ends of said hooks being located in such proximity to the bracket as to prevent removal of the eyes of the blocks when the points of the hooks are over the bracket, but at a sufficiently greater distance from the shank than the distance from said shank to the edge of said bracket, whereby the eyes of the pulleys can be readily applied to and removed from the respective hooks.

3. A clothes line hanger comprising a bracket having a base provided with longitudinal flanges and adapted to be secured to a suitable support, a plurality of hooks having shanks rotatably mounted in said base intermediate of said flanges, pulleys provided with pulley blocks respectively having eyes embracing the respective hooks, said hooks being spaced apart a sufficient distance to permit clothes to hang freely upon the leads of a line passing progressively over said pulleys, the points of said hooks being located in such proximity to the bracket as to prevent removal of the eyes of the blocks when the points of the hooks are within the flanges of the bracket at a sufficiently greater distance from said shanks than the distance from said shanks to said flanges to permit the eyes of the pulley blocks to be applied to said hooks when the points of said hooks are swung beyond the flanges of said base.

4. A clothes line hanger comprising a bracket having a base, means for attaching said base selectively to a pole in parallelism with, or transversely of, the axis of said pole, a plurality of hooks having shanks rotatably mounted in said base, pulleys having eyes respectively connected to the respective hooks, said hooks being spaced apart a sufficient distance to permit clothes to hang freely upon the leads of a line passing progressively over said pulleys, the points of said hooks being located in such proximity to the bracket as to prevent removal of the eyes of the blocks when the points of the hooks are over the bracket, but at a sufficiently greater distance from said shanks than the distance from said shanks to the edge of said bracket to permit the eyes of the pulley blocks to be applied to said hooks when the points of said hooks are swung beyond the edge of said bracket.

In testimony whereof I have signed my name to this specification.

ROLAND CAVICCHI.