May 24, 1932. A. B. BIENER 1,860,306

CLOTHESLINE CLEANER

Filed Aug. 7, 1930

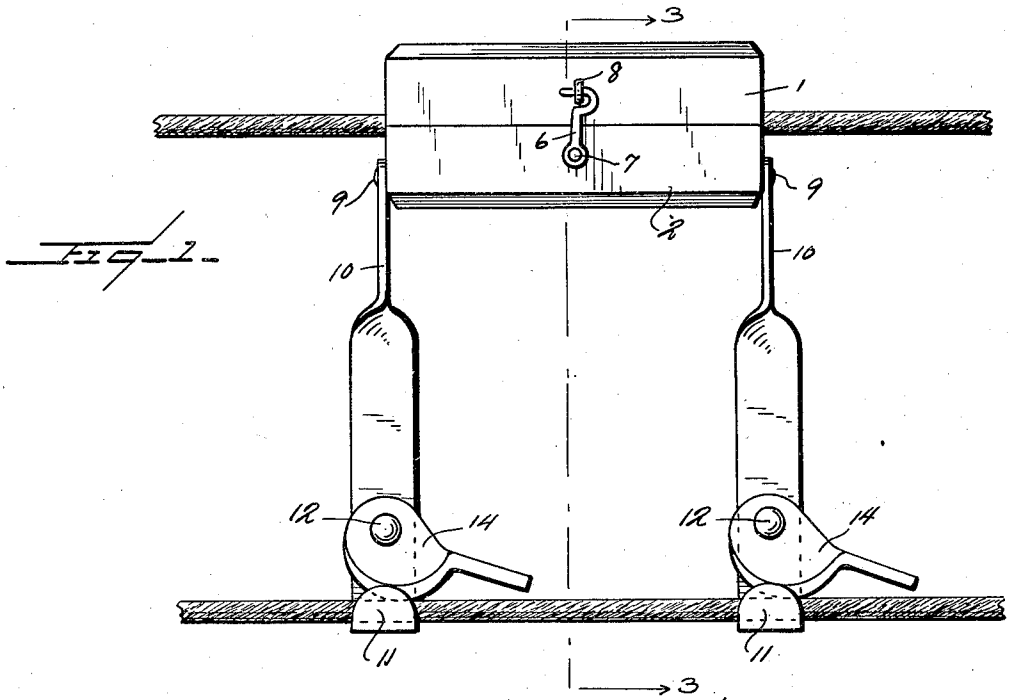


Fig. 1.

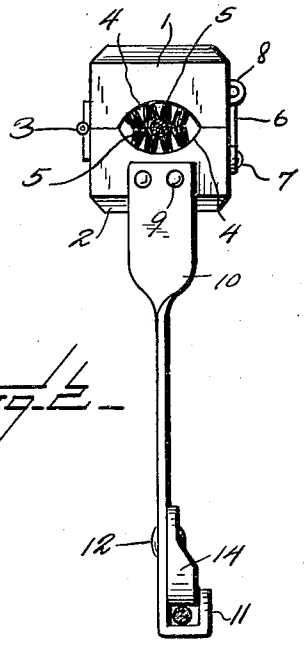


Fig. 2.

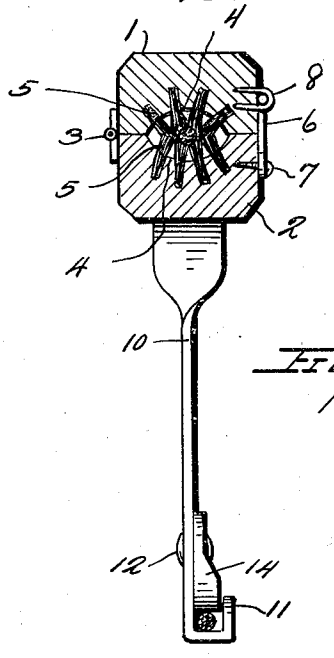


Fig. 3.

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UNITED STATES PATENT OFFICE

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CLOTHESLINE CLEANER

Application filed August 7, 1930. Serial No. 473,613.

This invention relates to a clothes-line cleaner, and it is an object of the invention to provide a device of this kind which, when in working position, surrounds the line to be cleaned and which is constructed in a manner to permit the same to be readily applied to or removed from such line.

It is also an object of the invention to provide a device of this character especially designed for use in connection with a travelling type of clothes-line and wherein a cleaning device for one stretch of the line is carried by a second stretch.

The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved clothes-line cleaner whereby certain important advantages are attained and the device rendered simpler, less expensive and otherwise more convenient and advantageous for use, as will be hereinafter more fully set forth.

The novel features of my invention will hereinafter be definitely claimed.

In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawings, wherein:—

Figure 1 is a view in elevation of a cleaner constructed in accordance with an embodiment of my invention and in applied position;

Figure 2 is a view in end elevation of the device as illustrated in Figure 1, the stretches of the clothes-line being in section;

Figure 3 is a sectional view taken substantially on the line 3—3 of Figure 1.

My improved device as herein disclosed comprises two elongated blocks 1 and 2 hingedly connected, as at 3, for relative swinging movement. Opposed faces of these blocks 1 and 2 when in superimposed relation have disposed lengthwise thereof grooves or channels 4 from which are extended bristle tufts 5 or other desired brushing or cleaning medium.

The grooves or channels 4 permit the blocks 1 and 2 to be closed around the clothes-line to be cleaned and when so arranged the tufts 5 have close contact at substantially all points upon the surface of the line so that upon relative movement of the device lengthwise of the line such line will be effectively cleaned.

The blocks 1 and 2 are maintained in superimposed or closed position in any desired manner but preferably through the instrumentality of a hook member 6 pivotally engaged, as at 7, with one of the blocks and coacting with a staple 8 or the like carried by the second block.

In the present embodiment of my invention, the opposite end portions of one of the blocks, as 2, has rigidly secured thereto, as at 9, an end portion of a rigid strap 10.

The opposite end portion of the strap 10, as herein disclosed, is skewed a quarter turn and has its free end portion formed to provide an inwardly facing hook 11. Pivotally engaged, as at 12, with the strap 10 inwardly of its hook 11 is a clamping cam 14.

The device as disclosed in the accompanying drawings is particularly adapted for use in connection with a travelling clothes-line now in general use and the straps 12 are adapted to be clamped to one stretch of the line while the blocks 1 and 2 are in cleaning arrangement with respect to the second stretch of the line, as particularly illustrated in Figure 1. With this assembly as shown in Figure 1 pull upon one of the stretches results in the effective cleaning of the stretch of the line with which the blocks 1 and 2 are associated. If desired to clean the second stretch the arrangement of the device need only be reversed from what is shown in Figure 1.

From the foregoing description it is thought to be obvious that a clothes-line cleaner constructed in accordance with my invention is particularly well adapted for use by reason of the convenience and facility with which it may be assembled and operated, and it will also be obvious that my invention is susceptible of some change and modification without departing from the principles and spirit thereof and for this reason I do not wish to be understood as limiting myself to the precise arrangement and formation of the several parts herein

shown in carrying out my invention in practice except as hereinafter claimed.

I claim:—

A clothes line cleaner comprising complementary cleaning members adapted to engage about one run of a double run clothes line, a bar secured to one of said members and having a U-shaped end engaging under and about the other run of the line, for constant engagement with said run and an eccentric securing member pivotally carried by said bar for swinging movement between and in a direction parallel to the parallel legs of said U-shaped end whereby to clamp said other run of the line in the closed portion of said end.

In testimony whereof I hereunto affix my signature.

ALFRED BRUNO BIENER.