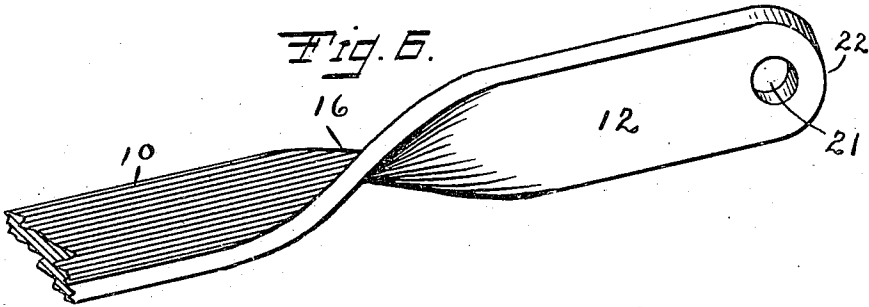
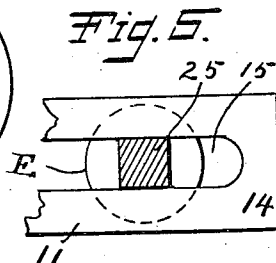
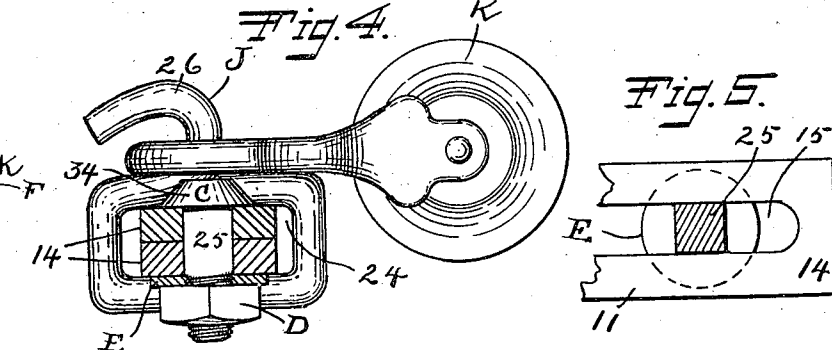
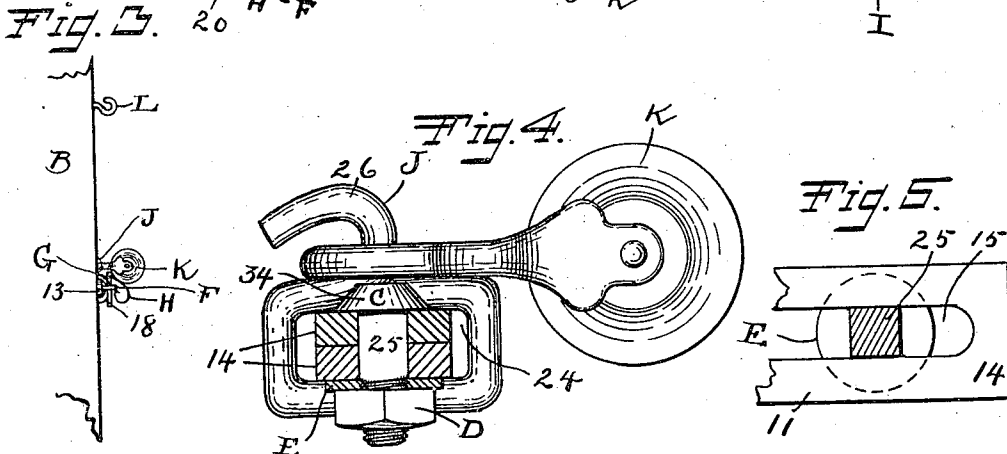
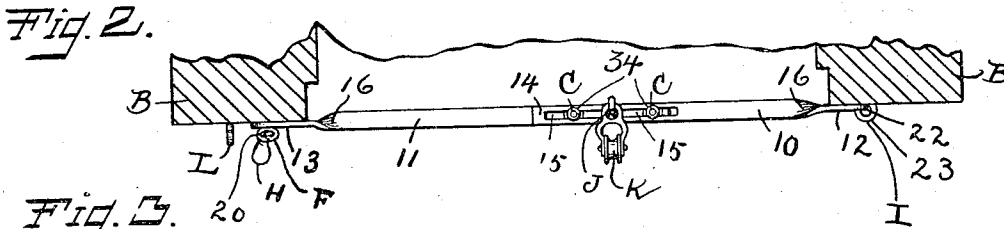
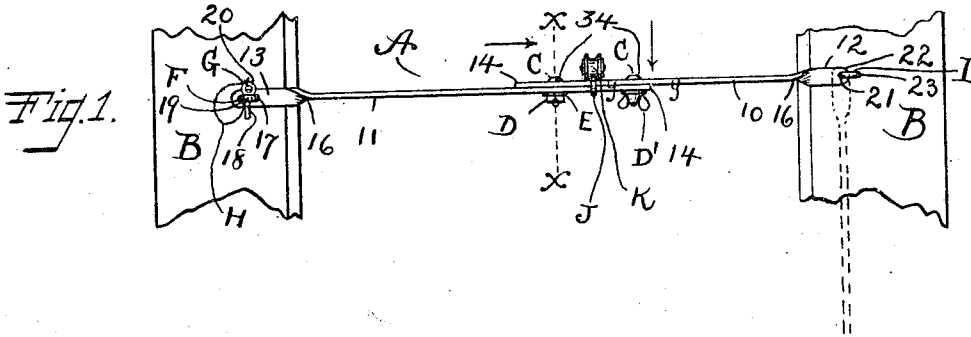


H. HERSTEIN.
CLOTHES LINE SUPPORT.
APPLICATION FILED AUG. 14, 1909.

Patented Feb. 22, 1910.

950,133.



Witnesses:
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UNITED STATES PATENT OFFICE.

HENRY HERSTEIN, OF BROOKLYN, NEW YORK.

CLOTHES-LINE SUPPORT.

950,133.

Specification of Letters Patent.

Patented Feb. 22, 1910.

Application filed August 14, 1909. Serial No. 512,842.

To all whom it may concern:

Be it known that I, HENRY HERSTEIN, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Clothes-Line Supports, of which the following is a specification.

My invention relates to improvements in window bars for safety clothes lines, and the objects of my improvements are simplicity and economy in construction and convenience and efficiency in use, and particularly safety and reliability when in use.

In the accompanying drawing Figure 1 is a front elevation of my window bar for safety clothes lines in place on the casing of a window which is shown in part broken out. Fig. 2 is a plan view of the same. Fig. 3 is a side elevation of the same. Fig. 4 is a sectional view on the line *x x* of Fig. 1, on an enlarged scale. Fig. 5 is a sectional view on the line *y y* of Fig. 1. Fig. 6 is a perspective view of part of my window bar. My clothes line support comprises a cross piece or window bar A adapted to support, generally in the middle, a pulley for supporting a clothes line, and as made up in preferred form comprises two parts, each made up of strap iron, and as viewed from the front, or outer side of the window, respectively a right hand member 10 and a left hand member 11. The said members 10 and 11 have overlapping ends 14 provided with registering slots 15. The outer ends 12 and 13 respectively are fastened to the outside of the window casing B. Clamping bolts C having heads 34 on one end extend through slots and are provided on the other end with nuts D and D' whereby members 10 and 11 may be clamped together. Washers E may be interposed between the nuts and the bar if desired.

I provide a 90 degree turn or twist 16 in the members 10 and 11 adjacent the outer ends 12 and 13 so that the said outer ends may be secured flatwise with reference to the window casing and the inner overlapping ends directed on edge for resisting outward bending strains. The said outer end 13 of the left hand member 11 is secured to the casing B by means of a slot 17 adapted to pass over a screw eye F. The said screw eye F is adapted to receive the body 18, and to support the head 20 of a pin G adapted to retain the said member 11 in place in

front of the window casing B. The said head 20 may be ring form, as shown and may receive an end of a string H provided to secure the pin G against being lost or mislaid. The outer end 12 of the right hand member 10 I prefer to secure to the casing B by means of a permanent and pivotal connection. As shown this is effected by a connection involving the characteristics of a universal joint comprising a hole 21 in said end 12, rounding the extreme outer edge 22 concentric with the same, and securing to the said hole 21 the screw eye I by means of the closed eye 23, and which screw eye is screwed into the window casing B.

As described, one end of my bar is removably secured to the window casing on one side and the other pivotally secured to the other side by an essentially universal joint, so that the said bar may either be securely fastened across the window space, or may be removed from the said space and when so removed is adapted to hang downward, from the said pivotal support, and is accordingly ready and available for immediate use. In clamping the overlapping ends 14 I prefer to insert the bolts C in the slots 15 from the top, so that the heads 34 may still retain the bolts essentially in normal position even though the nut D may have loosened or dropped off. A single clamping bolt C and nut D when screwed up tightly will answer for the purpose of holding the two bar members or sections 10 and 11 together, and if slightly loosened, in cooperation with the closed ends of the slots 15 will prevent the complete separation of the sections 10 and 11. I prefer to make the bolt C with the body portion 25 squared where the same is in engagement with the slots 15 and a fit for the said slots, so that a single bolt may by reason of said fit resist any tendency to bend the said members 10 and 11 out of alinement.

The pulley hook J is generally S shaped, comprising an outwardly and upwardly directed hook member 26, adapted to receive an eye on the pulley K and the lower member comprising the said eye 24, which is preferably closed and rectangular, and embracing the overlapping ends 14 of the bar A, thereby bracing the same. A wing nut D' may be found more convenient as a clamping nut than the ordinary nut D. An auxiliary hook L, screwed into the casing B is provided as a support for the pulley K

when the same is not in use and the bar A is removed from the window space.

As described, my cross bar is safe and reliable in use, giving confidence of security to the user, is made durable, is easily removed from the window space, and is always available and ready for use.

I claim as my invention:

A safety clothes line support comprising a window bar essentially straight, adjustable as to length, and composed of overlapping members held together by two clamping screws, and provided with means for pivotal attachment by one end on one side of a window casing, and with means for

being removably attached by the other end to the other side of said window casing, and having means for removably supporting a pulley for a clothes line intermediate the said ends, comprising a hook embracing said overlapping members, the said hook located between the point of pivotal connection and one of said clamping screws and adapted to be retained on said bar by said screw when said bar is pendent from said pivotal support.

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Witnesses:

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