C. WEINER.

CLOTHES LINE SUPPORT.

APPLICATION FILED SEPT. 23, 1910.

998,061. Patented July 18, 1911.

Fig. 1.

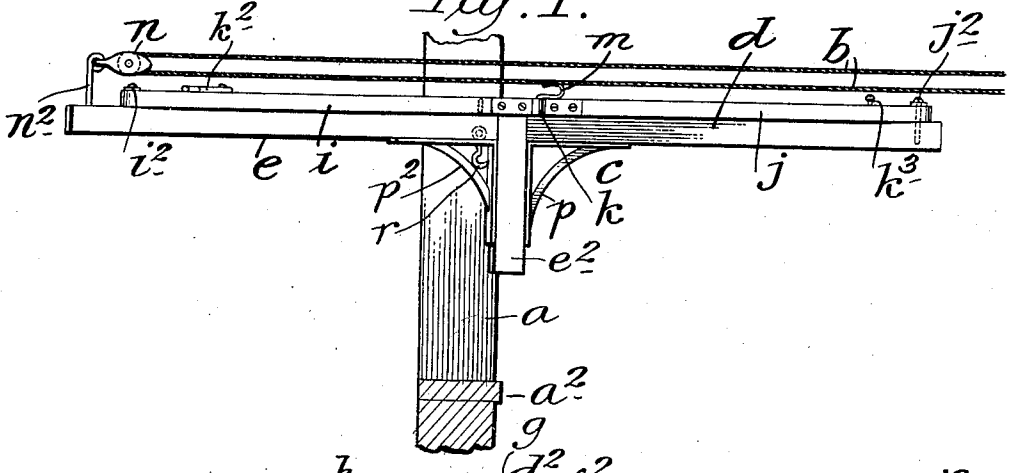


Fig. 2.

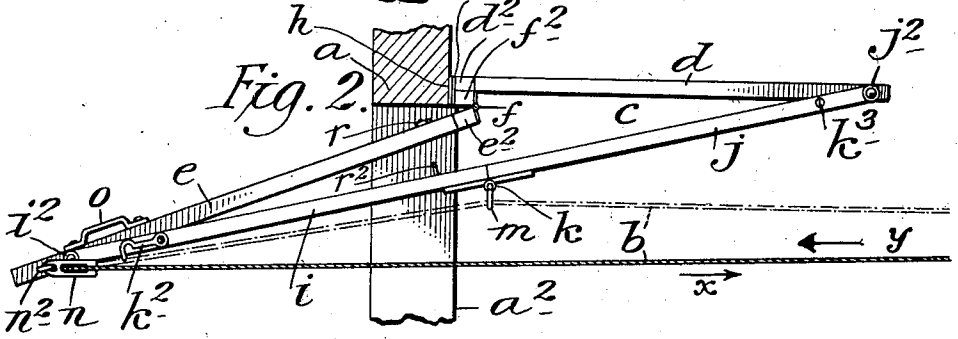


Fig. 3.

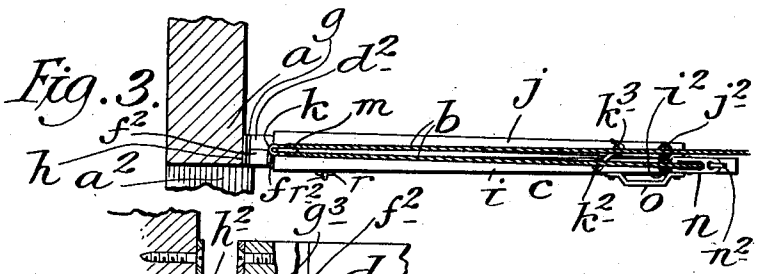
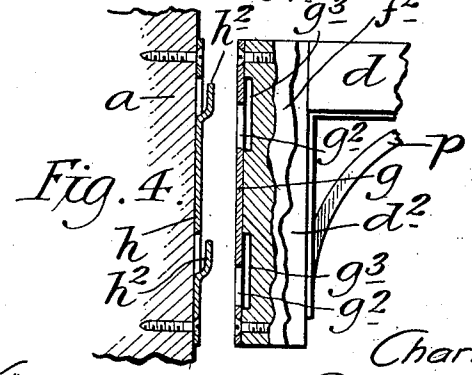


Fig. 4.



WITNESSES

A. R. Appleman.

B. M. Ryerson.

INVENTOR

Charles Weiner.

BY Edgar Tate & Co.

ATTORNEYS.

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

CHARLES WEINER, OF BAYONNE, NEW JERSEY.

CLOTHES-LINE SUPPORT.

998,061. Specification of Letters Patent. Patented July 18, 1911.

Application filed September 23, 1910. Serial No. 583,353.

To all whom it may concern:

Be it known that I, CHARLES WEINER, a citizen of the United States, and residing at Bayonne, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Clothes-Line Supports, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to clothesline supports or holders adapted to be used in connection with what is known as an endless line, and the object of the invention is to provide an improved device of this class which is particularly designed for use in connection with and to be secured to a window frame, and the construction and operation of which is such that the line may be swung into an apartment to facilitate the hanging of washed articles of any kind or class thereon and for the removal of such articles from the line when dried.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which;—

Figure 1 is a front side view of my improved clothesline support or holder when in use, and showing the same attached to a window frame; Fig. 2 a plan view thereof; Fig. 3 a view similar to Fig. 1 but showing the parts of the device in the position they occupy when the articles to be dried are suspended from the line and the parts of the support or holder swung outwardly of the window, and Fig. 4 a sectional view showing a method of connecting the support or holder with the window frame.

In the drawing forming part of this specification I have shown at a one side of a window frame and at a^2 the sill of said frame, and I have also shown at b an endless clothesline, and at c my improved line holder or support, and it will be understood that, in practice, another support is provided at a predetermined distance from the window and with which is connected a pulley around which the line b is passed, said other support being not shown.

In the construction of my improved support or holder I provide two main parts or arms d and e which are hinged together at f, and the arm e is provided at its inner end with a depending member e^2 and the arm d is provided at its inner end with a depending member d^2, to which is secured a block f^2 similar in form and length to the depending members d^2 and e^2, and these parts d^2 and f^2 form a head for the arm d, and secured to the head of the arm d, consisting of the parts d^2 and f^2, is a plate g having vertical slots g^2 inwardly of which are recesses g^3, and a plate h is secured to the side a of the window frame and provided with offset hook members h^2 which are adapted to enter the slots g^2 in the plate g, and by means of this construction the line support or holder c may be connected with or detached from the side a of the window frame whenever desired. My invention however, is not limited to the specific means shown and described of connecting the line or support with the window frame and any suitable means may be provided for this purpose whereby the arm d of the support or holder may be rigidly connected with the side of the window frame and project outwardly therefrom at right angles thereto.

The support or holder also comprises a brace consisting of two brace members i and j which are hinged together at k, and the brace member i is pivoted to the outer end portion of the arm e at i^2 while the brace member j is pivoted to the outer end portion of the arm d at j^2. Pivoted to the top of the outer end portion of the brace member i is a hook k^2 and connected with the outer end portion of the brace member j is a headed pin k^3 which the hook k^2 is adapted to engage, as shown in Fig. 3 when the parts of the support or holder are swung outwardly of the window. The total length of the brace formed by the parts j and k is less than but nearly equal to the combined length of the arms d and e counting from the hinge f to the pivoted point j^2 of the brace member j on the arm d, and from the hinge f to the pivotal point i^2 of the brace member i on the arm e as clearly shown in Fig. 2.

The brace formed by the brace members i and j is provided centrally with a hook-shaped keeper m with which both parts of the endless line b are adapted to be connected, and connected with the outer end of the

arm e is a pulley n through which the line b is passed in the usual manner, and the pulley n is preferably connected with the arm e by means of a short standard or support n^2 secured to said arm so that the line b may be operated over the support or holder when the parts thereof are in either the position shown in Figs. 1 and 2 or that shown in Fig. 3. The outer end portion of the arm e is also preferably provided with a handle o whereby said arm may be swung into different positions or the device manipulated as hereinafter described, and both of the arms d and e are preferably provided with reinforcing triangular braces p and p^2 which are secured thereto in the angle formed respectively by the head of the arm d consisting of the parts d^2 and f^2, and the head of the arm e consisting of the part e^2. The arm e is also preferably provided adjacent to its hinged end with a hook r adapted to engage a keeper r^2 when the parts of the device are folded together as shown in Fig. 3, and the operation of my improved line support or holder will be readily understood from the foregoing description when taken in connection with the accompanying drawing and the following statement thereof.

When the device is not in use the separate parts thereof are folded together as shown in Fig. 3 and the said support or holder extends outwardly from the frame and the sash of the window may be raised and lowered in the usual manner and as will be readily understood. When it is desired to operate the device or to suspend articles from the line b to be dried, the lower window sash is raised and the parts of the support or holder are swung into the position shown in Figs. 1 and 2, in which the arm e and the brace member i extend into the room or compartment inwardly of said window. In this position of the parts of the support or holder the line b may be drawn around the pulley n in the usual manner and the articles to be dried may be hung thereon, and one part of the said line may be fed outwardly as this operation is performed and in the direction of the arrow x, until all the articles to be dried are suspended from said line, and when this operation is complete both parts of the line b are engaged with the keeper m as shown in dotted lines in Fig. 2 and in full lines in Fig. 3 and the parts of the support or holder are swung into the position shown in said Fig. 3 and the arms i and j are connected by the hook k^2 which is thrown into engagement with the headed pin k^3, and by means of the hook r which is thrown into engagement with the keeper r^2, and this forms the support or holder into a rigid arm as shown in Fig. 3 which projects outwardly of the window. When it is desired to remove the articles from the line the sash is raised, the arms d and e are disconnected and the parts of the support or holder swung in the position shown in Figs. 1 and 2, and with said parts in this position the line b may be manipulated so that all the articles dried thereon may be removed therefrom, said line in this operation being passed around the pulley n in the direction of the arrow y.

With my improved line support or holder that part of the line on which the articles to be dried are hung does not come in contact with the parts of the support or holder when the said support or holder is in the position shown in Figs. 1 and 2 and the line may be freely manipulated as hereinafter described, and when the parts of the support or holder are swung outwardly of the frame as shown in Fig. 3 the line remains taut by reason of its connection with the keeper n.

My improved line support or holder is simple in construction and operation and changes in and modifications of the construction described may be made, within the scope of the appended claims, without departing from the spirit of my invention or sacrificing its advantages.

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

1. A line support or holder of the class described, said device comprising two arms hinged together at one end, a brace member pivoted to the free end portions of said arms and composed of separate parts hinged together, said parts being of approximately equal length and the length of said parts being nearly equal to the length of said arms between the points where said arms are hinged together and the points where said brace member is pivoted thereto, and the total length of said brace member being less than the combined length of said arm between the points where the brace member is pivoted thereto, said brace member being also provided centrally with a keeper and the end portion of one of said arms being provided with a pulley.

2. A line support or holder of the class described, said device comprising two arms hinged together at one end, a brace member pivoted to the free end portions of said arms and composed of separate parts hinged together, said parts being of approximately equal length and the length of said parts being nearly equal to the length of said arms between the points where said arms are hinged together and the points where said brace member is pivoted thereto, and the total length of said brace member being less than the combined length of said arm between the points where the brace member is pivoted thereto, said brace member being also provided centrally with a keeper

and the end portion of one of said arms being provided with a pulley, and said arms and said brace member being provided with means whereby they may be secured in the closed position when folded together.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 22nd day of September 1910.

CHARLES WEINER.

Witnesses:
C. E. MULREANY,
B. M. RYERSON.