May 24, 1927. 1,629,671

N. ALIKAKOS

AUTOMATICALLY ADJUSTABLE SPRING BRACKET

Filed May 15, 1926

Fig. 1.

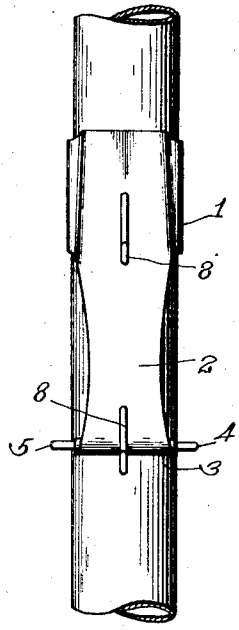


Fig. 2.

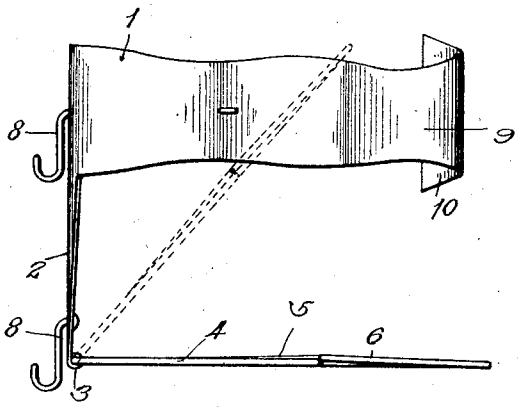
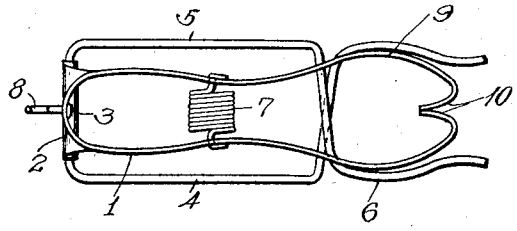


Fig. 3.



Inventor.
Nick Alikakos
By V. J. Chebithes Atty.

Patented May 24, 1927.

1,629,671

UNITED STATES PATENT OFFICE.

NICK ALIKAKOS, OF NEW YORK, N. Y.

AUTOMATICALLY-ADJUSTABLE SPRING BRACKET.

Application filed May 15, 1926. Serial No. 109,290.

This invention relates to means for conveniently and securely fastening a bracket or support to a smooth post such as a bedpost or other articles of furniture, and more particularly to the provision of an automatically adjustable and spring-clamped bracket which may be easily inserted in or removed from place.

Other and more specific uses of the invention, as well as a precise description of same will be made evident as the specification progresses.

Referring generally to the accompanying drawing on which the invention is illustrated:

Figure 1 is a front view of the bracket shown as used while clamping on a bedpost.

Figure 2 is a side view showing the one side of the leaf spring and the spring brace in two positions, the full line and dotted line, respectively.

Figure 3 is a top view of the device.

Now, having reference to details of construction, "1" indicates the top part of the clamp which is composed of a unitary piece of metal brace of spring material, extending from the front end thereof a vertical project the free end of which is folded over to receive the spring brace in a hinged manner as indicated at "3". The spring brace is composed of a spring wire folded on itself to roughly resemble the figure 8, having the sides "4" and "5" and the ends "6" curved in such a manner as to form a smaller opening than is the loop at the hinged end. The main part of the bracket may or may not be provided with a coil spring "7" at a suitable distance from the free ends thereof for the purpose of aiding its clamping action when necessary. The bracket illustrated at Fig. 1 is provided with ends 9 which are curved inwardly as indicated at "10" for the purpose of rendering its insertion into place on the post around which the ends clamp. Around the front end of the bracket on the extension "2" there are mounted as shown a plurality of hooks as 8—8. These hooks may be of any number and may be fastened in any suitable manner.

Now, having described the structure of the device, the operation and use of same is somewhat as follows:—

The clamp is taken and held by the front end. "2" may be placed against a post until the leaf spring opens sufficiently to allow the clamps "10" to pass to the opposite side of the post. This having been done, the leaves on the sides of the bracket will again spring together and will automatically be clamped around the post in a firm and substantial manner. Then the spring support may be swung in position parallel with the main part of the bracket "1" and placed against the post in such a manner as shown in Figure 1. Then the articles desired to be hung may be suspended from either one or both of the hooks 8—8. Should the clamping force of the leaf springs comprising the bracket "1" be not sufficient to grip the post, the brace "6" may be lifted up until it assumes the position shown by the dotted lines at Figure 2. This will serve to place the spring leaves "9" closer together and in this manner grip the post more firmly and the articles to hand more securely.

Having thus described my invention and the operation of the same, what I claim as new and desire to secure by Letters Patent of the United States is:—

1. An automatically adjustable spring-clamping bracket comprising a unitary flat spring metal bent in the shape of a hairpin having the free ends thereof curved inwardly and from the center of the loop of the hairpin an extension, the end of which is folded on itself forming a socket in which socket is hinged a spring wire brace.

2. An article as claimed in claim 1 in which the said spring wire brace is in the general form of the figure 8, having the free ends thereof curved approximately in the shape of an O G curve adapting it to be easily inserted and to be automatically clamped around a post.

In testimony whereof, I have hereunto set my hand May, 1926.

NICK ALIKAKOS.