Sept. 2, 1930. W. S. FEENY 1,774,548

AWNING FRAME CORNER FITTING

Filed May 17, 1929

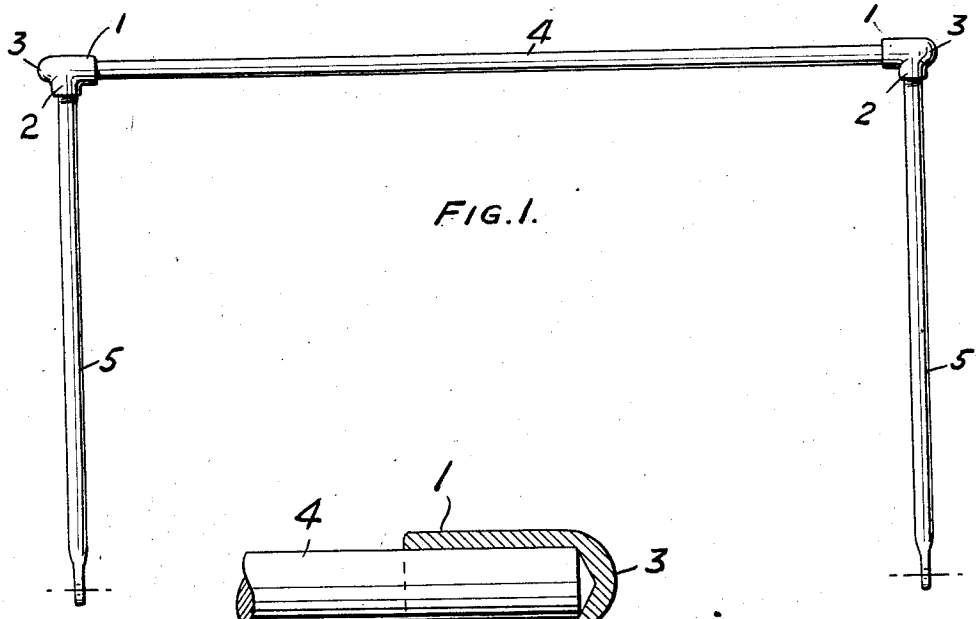


FIG. 1.

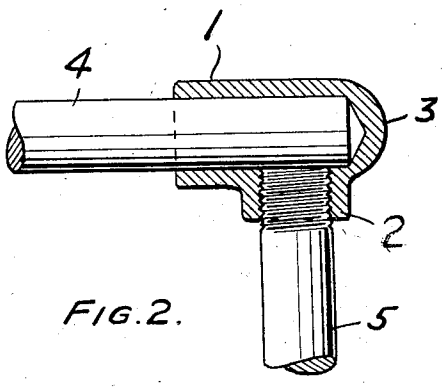


FIG. 2.

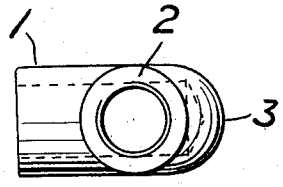


FIG. 3.

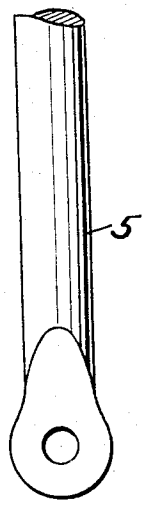


FIG. 4.

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UNITED STATES PATENT OFFICE

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AWNING-FRAME-CORNER FITTING

Application filed May 17, 1929. Serial No. 363,812.

One object of the present invention is to facilitate the provision of awning frames of different widths and of different extensions. Another object of the invention is to provide a comparatively simple, inexpensive and yet efficient fitting whereby front rods cut to any required lengths may be readily mounted in connection with extensions or arms and then clamped by the latter. Another object of the invention is to provide for in part making and in part assembling awning frames of required width and extension by the employment of comparatively few parts and by simply and easily performed operations requiring for their performance only ordinary hand tools.

Other objects of the invention will appear from the following description at the end of which the invention will be claimed.

Generally stated, the invention may be said to comprise an awning frame corner fitting having right angularly disposed intercommunicating tubular portions each open at the outer end and of which one is internally smooth and of which the other is internally threaded, said internally smooth tubular portion adapted to receive the end portion of an awning rod and said internally threaded portion adapted to receive the threaded portion of an awning arm or extension of which the end clamps the rod.

In the following description reference will be made to the accompanying drawing forming part hereof and in which

Figure 1 is a top or plan view of an awning frame embodying features of the invention.

Fig. 2 is a view drawn to an enlarged scale and showing a cross section through a corner fitting embodying features of the invention with the ends of the rod and extension or arm in clamping relation.

Fig. 3 is a plan view of the corner fitting looking upward in Fig. 2, and

Fig. 4 is a view of the inner end of an extension or arm showing the same flattened and provided with an eye.

Referring to the drawing there are angularly disposed tubular portions 1 and 2 provided in the corner fitting. As shown the tubular portions are disposed at right angles in respect to each other. Each tubular portion or socket is open at its outer end and the tubular portion 1 is internally smooth and extends across the tubular portion 2. The tubular portion 1 is closed as at 3. The tubular portion 1 receives the end of the front rod 4 which is externally smooth or devoid of threads. The internally threaded tubular portion 2 receives the correspondingly threaded end of the extension or arm 5, and the end of the extension or arm 5 binds upon and clamps the rod 1 in place in the former fitting.

Descriptively it may be said that the user is supplied with extensions or arms in assorted sizes such as are likely to be required and with front rod material of sufficient length so that it can be readily cut to any required size. The user is also supplied with corner fittings of the character described and embodying the invention. From these materials it will be evident that the user, who is usually an awning maker, can provide frames of substantially any size required by the use of ordinary hand tools and expeditiously and economically.

All that is required is to select extensions or arms 5 of approximately the length required, to cut the front rod to the length required, and to insert the ends of the front rod 4 into corner fittings and fasten it there by screwing the extensions or arms into the threaded sockets, clamping the ends of the front rod 4 in the sockets by the ends of the extensions or arms 5.

It will be obvious to those skilled in the art to which the invention relates that modifications may be made in details of construction and arrangement and matters of mere form

without departing from the spirit of the invention which is not limited to such matters or otherwise than the prior art and the appended claim may require.

I claim:

An awning frame corner fitting having right angularly disposed intercommunicating tubular portions each open at the outer end and of which one is internally smooth and of which the other is internally threaded, said internally smooth portion adapted to receive the end portion of an awning rod, and said internally threaded portion adapted to receive the threaded portion of an awning arm of which the end clamps the rod.

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