Jan. 1, 1935. E. J. MITCHESON 1,986,517

AWNING CLOTH FASTENING DEVICE

Filed Nov. 18, 1933

FIG. 1

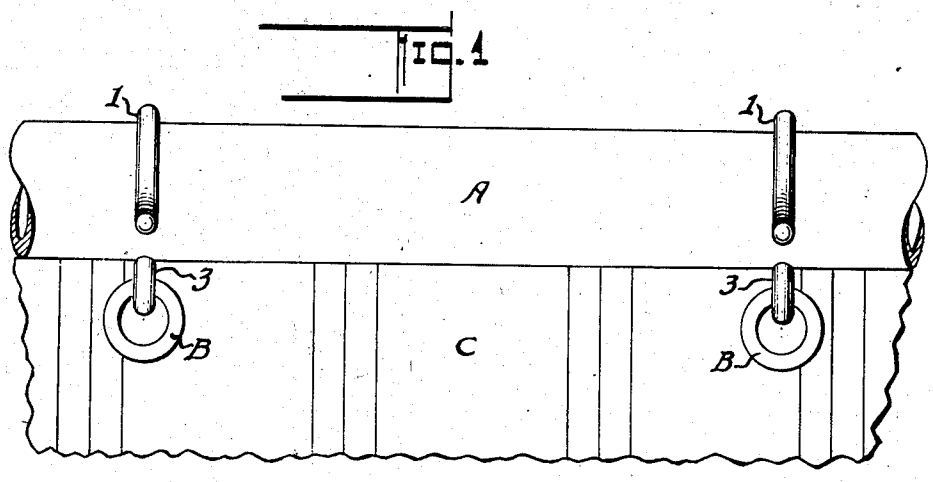


FIG. 5

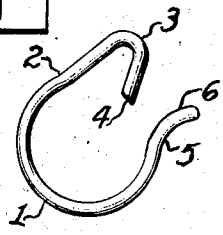
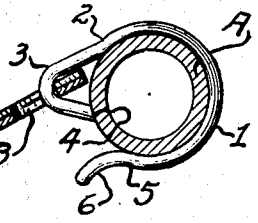


FIG. 2



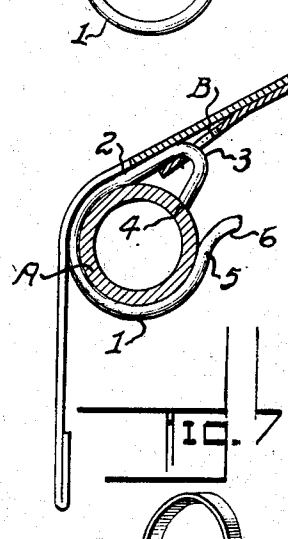


FIG. 4

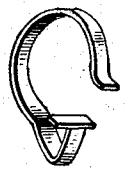


FIG. 5

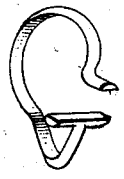


FIG. 6

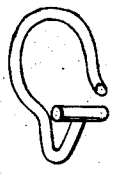


FIG. 7

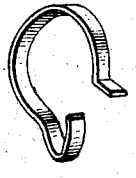
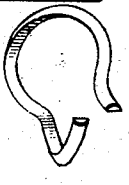


FIG. 8



INVENTOR:
Ernest J. Mitcheson.
By Grover C. Hill,
Attorney.

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AWNING CLOTH FASTENING DEVICE

Ernest J. Mitcheson, Detroit, Mich.

Application November 18, 1933, Serial No. 698,600

4 Claims. (Cl. 156—15)

This invention concerns improvement in awnings and provides a device for the purpose of fastening the awning cloth to the metal tube or bar of the framework.

It is obviously known that the method for fastening awning cloth to the various types of framework has heretofore been confined to the use of ordinary twine or string, which is accordingly inserted through the customary eyelet within the cloth and tied to the framework. This method has never proven secure, in that the wind and other elements of the weather subject the cloth to severe strain which in turn effects rapid wear upon the string and likewise finally severs the string entirely, resulting in lacerated or badly damaged cloth.

This invention completely overcomes this difficulty as it effectively provides a ring-like device preferably composed of spring wire and adapted to snugly engage and conform to the tube or bar of the framework and has a loop end to engage the eyelet of the cloth in a manner so as to render disengagement of the cloth from the framework an impossibility.

The invention possesses further advantages, all of which will be clearly revealed during the course of the following detailed description, illustrated throughout the accompanying drawing, and more fully pointed out in the appended claims.

With reference to the drawing:

Figure 1 is an enlarged view of a portion of the usual awning cloth and framework, and showing the device normally in connection therewith.

Figure 2 is a sectional view of the cloth and framework and showing the device as applied to a different form of eyelets for the cloth in contact with the lower tube or bar of the framework.

Figure 3 is an elevation of the complete device.

Figures 4, 5, 6, 7 and 8 disclose perspective views of modified forms of the invention respectively.

The invention comprises properly a circumferentially disposed body portion 1, which is adapted to conform to the similar shape of the awning bar or tube A as indicated. A marked advantage of the particular construction of the invention is the method employed for preventing the cloth from being disengaged from the framework, and this method consists of the metal of body portion 1 being slightly deflected as at 2 and projecting outwardly of the body and forming thereby loop portion 3 and this portion having concaved end 4 which is adapted to contact the circumferential shape of tube or bar A and to conform to said shape as shown more particularly in Figure 2.

The opposite end portion of body portion 1 is deflected as at 5, projecting therefrom and forming outwardly curved end 6, as clearly indicated in Figures 2 and 3. The purpose of this particularly adapted end is of course to facilitate the quick and positive engagement of the device with bar or tube A.

It is now understood that in view of the particular construction of the device and being composed of a suitable spring steel, the body portion 1 conforming snugly to bar or tube A, and with the concaved end 4 of loop portion 3, it is obvious that portion 3 will be positively and permanently engaged with the respective eyelets B of cloth C at all times and under any circumstance.

Other advantages of the invention are that the construction of the same will admit of an unusually rapid method for connecting the cloth to the framework, and secondly the simplicity and rigidity of the same render it indispensable for commercial utility as well as from a practical viewpoint.

Having thus fully described my invention, what I claim as new is:

1. In an awning cloth-fastening device, a metallic ring constructed to conform to and detachably engage around a supporting member, said ring having open ends, one of said ends being bent to form an awning engaging loop, the extreme end of said loop portion adapted to conform to the radius of the aforesaid supporting member.

2. In an awning cloth-fastening device, a spring steel ring, said ring being constructed to conform to and detachably engage around a supporting member, and also having open ends, means carried upon said ring whereby the cloth of the awning may detachably engage the same, also means for retaining the device snugly upon the aforesaid member, comprising one of the aforesaid ends being adapted to conform to said member and extending radially thereto, and the remaining of said ends, being curved outwardly of said member.

3. A device for securing an awning on a supporting rod comprising a split ring formed to detachably engage around the rod, one end of the split ring terminating in a hook that detachably engages with the awning, the free end of the hook abutting the rod.

4. A device for securing an awning on a supporting rod comprising a split ring formed to detachably engage around the rod, one end of the split ring terminating in a hook that detachably engages with the awning, the free end of the hook abutting the rod, the other end of the split ring terminating in a laterally disposed finger engaging portion to facilitate the ready disengagement of the ring from the supporting rod.

ERNEST J. MITCHESON.