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NOZZLE SUPPORT.

Filed April 1, 1931

Fig. 1.

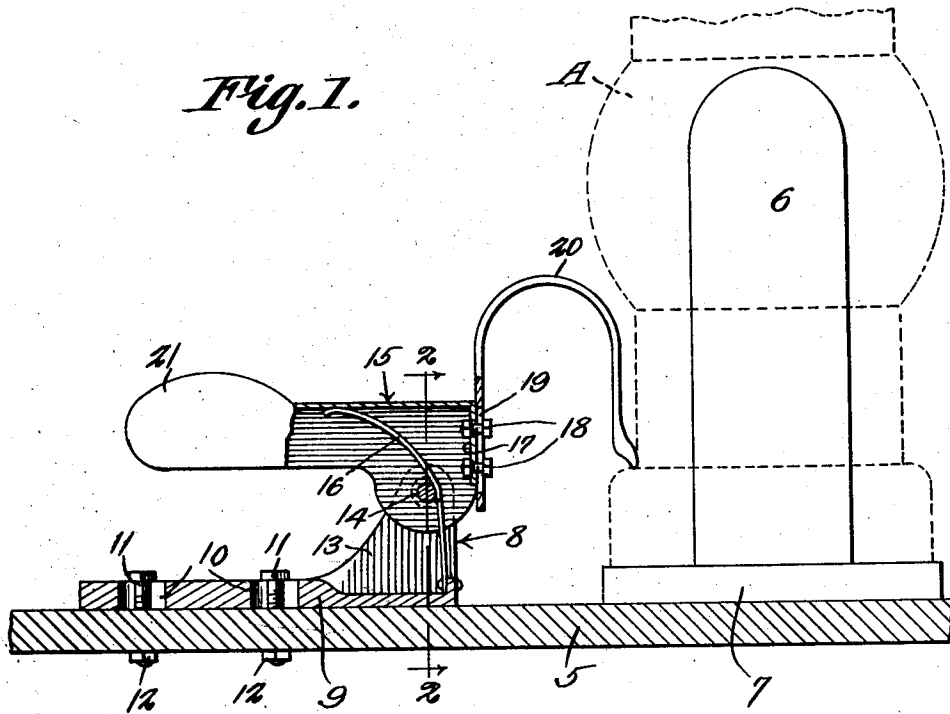
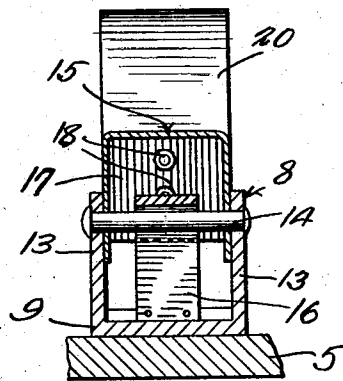


Fig. 2.

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NOZZLE SUPPORT

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This invention relates to a support designed for use in securing fire hose nozzles on fire trucks or the like.

The primary object of the invention is the provision of a device of this character which will securely hold a nozzle in place on the running board of a fire truck, in such a way as to eliminate any possibility of the nozzle becoming accidentally displaced.

Another object of the invention is to provide an adjustable clamp, so constructed that it will exert a pressure on the nozzle engaged thereby, to prevent movement of the nozzle while positioned on the fire apparatus.

A still further object of the invention is to provide a supporting pin over which the nozzle is placed, to guide the nozzle to its proper position on the fire truck, to insure the clamping of the nozzle by the clamp of the support.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawing:

Figure 1 is a sectional view through a pivoted clamp, forming a part of a support, constructed in accordance with the invention.

Figure 2 is a sectional view taken on line 2-2 of Figure 1.

Referring to the drawing in detail, the reference character 5 designates a running board or platform of a fire apparatus, such as a truck, fire engine, or the like, and on which the nozzle support, forming the essence of this invention, is mounted.

The reference character 6 designates a pin which is provided with a base 7 that in turn is secured to the running board or platform 5, in any desired manner. This pin 6 is of a height to extend an appreciable distance within the nozzle positioned thereover, so that the nozzle will be held in an upright position at all times.

The clamp, forming an important feature of the invention, is indicated generally by the reference character 8, and comprises a base 9 formed with elongated openings 10 through which the bolts 11 extend, the bolts being positioned in suitable openings in the running board or platform 5, and supplied with nuts 12 so that the base 9 may be adjusted towards or away from the pin 6, to adapt the device for use in supporting nozzles of various sizes.

Extending upwardly from the base 9, are spaced ears 13 which are formed with openings to receive the shaft 14 on which the pivoted section 15 of the clamp is mounted. A spring indicated at 16 is secured to the base 9 and extends over the shaft 14, where it engages the body portion of the clamp, to normally urge the clamp to its active position. Formed at the forward end of the clamp, is a wall 17 through which the bolts 18 extend, the bolts 18 also passing through elongated openings 19 formed in the curved arm 20, so that the curved arm 20 may be adjusted vertically, to clamp hose nozzles of various sizes.

A finger piece 21 is formed at one end of the body portion, so that a person may by pressing on the finger piece, swing the curved arm upwardly out of engagement with the nozzle, which in the present showing is indicated by the reference letter A, to allow the nozzle to be removed from the supporting pin 8.

From the foregoing it will be obvious that due to this construction, the nozzle of a fire hose may be securely held in position on a fire truck or similar fire apparatus, eliminating any possibility of the nozzle becoming accidentally displaced when the apparatus is passing over irregularities in a road surface.

It will further be seen that a nozzle may be readily and easily positioned or removed from its inactive position on a fire apparatus.

I claim:

1. A device for securing a nozzle to a supporting member, comprising in combination a supporting pin on which the nozzle is mounted, a nozzle clamp comprising a base, means for adjustably mounting the base on

the supporting member, a pivoted member on the base and normally lying in parallel spaced relation with the supporting member, an upwardly and downwardly curved yieldable arm adapted to engage the nozzle and clamp the nozzle against movement on the pin and supporting member, and means for adjustably securing the arm to the pivoted member.

2. A device for securing a nozzle to a supporting member, comprising in combination, a supporting pin on which the nozzle is mounted, a nozzle clamp comprising a base mounted on the supporting member and adjustable towards and away from the nozzle supporting pin, a pivoted member mounted on the supporting member, bolts extending from one end of the pivoted member, a spring arm having an elongated opening through which the bolts extend adjustably mounting the arm on the pivoted member, and said arm adapted to engage the nozzle to hold the nozzle against movement on the supporting member, and means for urging the pivoted member in one direction.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

FERN MONG.