

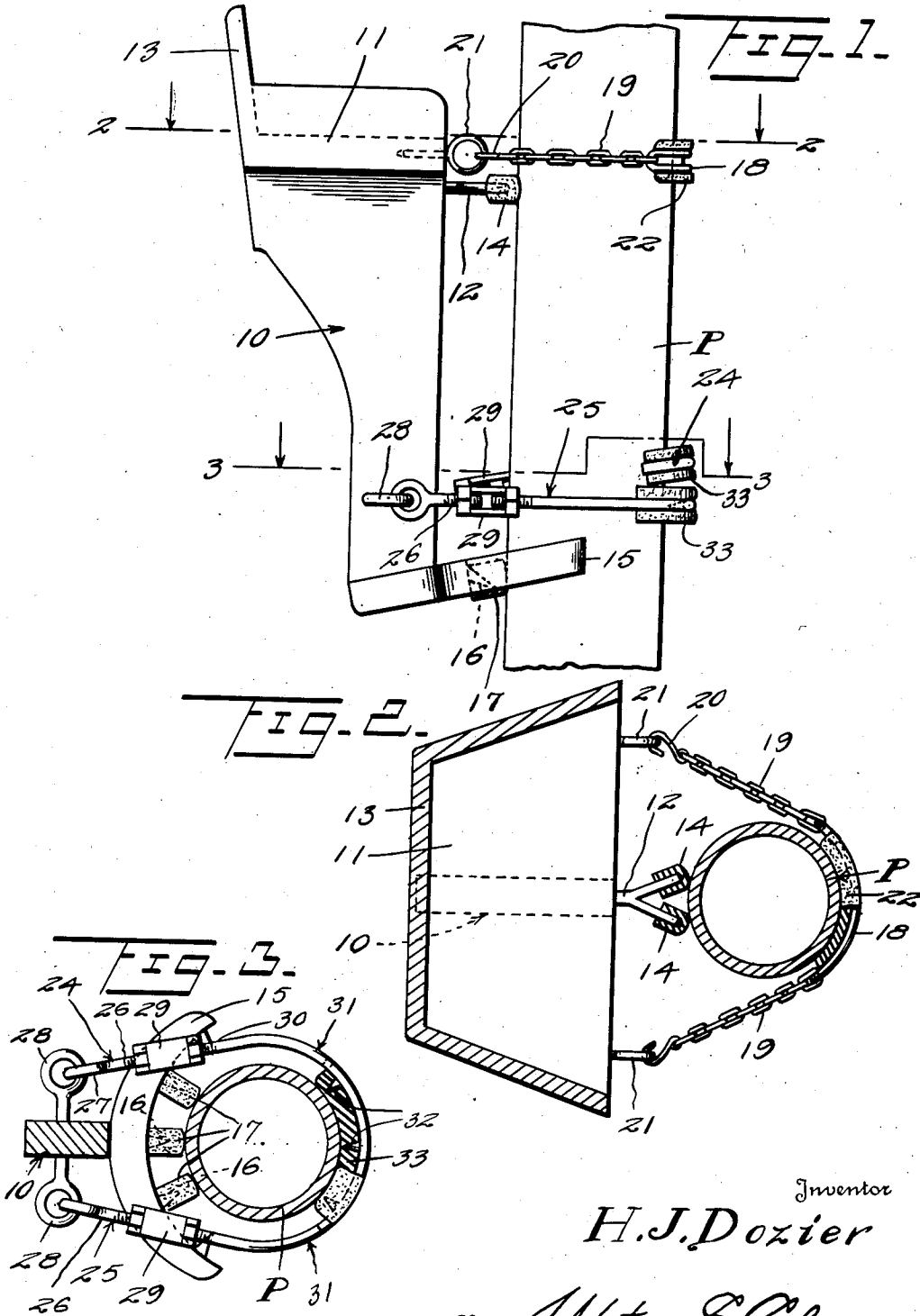
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POLE SEAT

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POLE SEAT

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5 Claims. (Cl. 304—28)

This invention relates to platforms or seats for linemen and has for an important object thereof the provision of a seat or platform which is so constructed that it can be mounted on either a wooden or metal pole.

Another object of this invention is to provide a lineman's seat or supporting structure which can be mounted on poles of different sizes and which, when in mounted position, will not slip downwardly by reason of any weight placed on the seat or platform.

A further object of this invention is to provide a device of this character which is exceedingly simple in construction so that it may be manufactured at a relatively small cost and so that the device will be relatively light in weight, thus permitting the easy handling of the device on a pole structure at relatively great heights.

The above and various other objects and advantages of this invention will in part be described and in part be understood from the following detailed description of the present preferred embodiment, the same being illustrated in the accompanying drawing wherein:—

Figure 1 is a detail side elevation partly in section of a device constructed according to the preferred embodiment of this invention, mounted on a pole which is shown in fragmentary form.

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

Figure 3 is a sectional view taken on the line 3—3 of Figure 1.

Referring to the drawing wherein like characters of reference designate corresponding parts throughout the several views, the letter P designates generally a pole which, in the present instance, is of metal construction, although the device hereinafter described may also be used on wooden poles. A substantially vertically disposed standard 10 is disposed on one side of the pole P, and this standard 10 has a seat structure or platform 11 on the upper end thereof. The seat or platform 11 may have a back 13 of desired height so that when a workman is seated on the platform, the back of the workman will be suitably supported. The standard 10 is provided at its upper end with a forked member 12, which in the present instance, is provided with cushioning members 14 on each branch thereof. The cushioning members 14 are adapted to engage the periphery of the pole P.

The lower end of the standard 10 has secured thereto a segmental or arcuate member 15, which on the inner circle thereof, is provided with a

plurality of downwardly directed tangs 16. In the present instance, these tangs or prongs 16 are each provided with cushioning members 17 which are adapted to engage the periphery of the pole P for not only holding the standard 10 in outstanding relation to the pole P, but also prevent downward movement of the standard and seat structure.

The segment 15 and the forked member 12 engage the pole P on one side thereof and in order to firmly hold the platform and standard 10 against vertical movement on the pole P, I have provided a saddle 18 of suitable arcuate construction which has attached to each end thereof, a flexible member 19 in the form of a chain. Each chain 19 has at its inner end a hook 20 adapted to engage in an eye 21 carried by the platform or seat structure 11. A cushioning member 22 is interposed between the saddle 18 and the periphery of the pole P, and this cushioning member 22 may be constructed of either rubber or other light material which will coact with the cushioning members 14 in holding the upper portion of the standard and seat structure against vertical movement relative to the pole P.

The lower portion of the standard 10 is held against outward movement and against vertical movement relative to the pole P by a pair of hook members, generally designated as 24 and 25. These hook members 24 and 25 are identical in construction and each comprises an inner bar 26 having an eye 27 adapted to engage an eye 28 carried by the standard 10. The bar 26 is threaded at its outer end and a turnbuckle member 29 is threaded onto this bar 26 and is also threaded onto the inner end 30 of a curved hook member 31. The hook member 31 may be provided on its inner side with tangs or prongs 32 so that when the device is mounted on a wooden pole, the tangs 32 will pierce or project into the body of the pole and thereby coact with the saddle 18 and the members 12 and 15 in holding the standard and seat structure against vertical movement on the pole P. Where the device is mounted on a metal pole, the prongs or tangs 32 are protected by a cushioning member 33. These members 24 and 25 are adapted to overlap each other, as shown in Figure 1, and when the device is in mounted position, the nut or turnbuckle member 29 may be turned so as to tightly press the hooks 31 against the pole P and to hold the cushioning members 19 tightly against the side of the pole P opposite from the cushioning member 33.

In the use of the device hereinbefore described,

where it is desired to mount the device on a wooden pole, the cushioning members 14, 17, 22 and 33 are removed. The tangs 16 may be pressed into the body of the pole and the hooks 24 and 25 tightened so as to tightly hold the lower portion of the device. When the hooks 24 and 25 are tightened, the tangs 32, in addition to the tangs 16, will be pressed into the periphery of the pole. The upper portion of the standard 10 may then be drawn toward the pole by inserting one of the hooks 20 in an eye 21 and then wrapping the flexible members 16 partially about the pole with the saddle 18 opposite from the forked member 12. The other hooked member 20 may then be engaged with the other eye 21 carried by the platform 11 or if the pole is relatively small, the other hooked member 20 may be threaded through the eye 21 and the hook 20 engaged with the desired link of the chain or flexible member 19, so that there will be no lateral movement of the standard 10 at the upper portion thereof.

Where a metal pole is to be engaged by this device, the cushioning members 14, 17, 22 and 33 are engaged with the members 12, 16, 18 and 32, respectively. The standard 10, together with the platform 11 and the back 12 of the device, may be made out of either wood or metal, and where the standard is made out of metal, the arcuate member 15 will also be constructed of metal of suitable size and strength, but sufficiently light so that the completed device will not be unduly heavy.

What is claimed is:—

1. A seat as set forth, comprising a standard, a platform on the upper end of the standard, an arcuate member on the lower end of the standard, prongs carried by said arcuate member, a forked member carried by the upper portion of the standard, a flexible member secured to the platform and adapted to engage about a post, and releasable post engaging members carried by the lower portion of the standard.

2. A device as set forth, comprising a standard, a platform on the upper end of the standard, an arcuate member carried by the lower end of the standard, downwardly directed prongs carried by the arcuate member, a forked member carried by the upper end of the standard, a saddle, flexible members secured at one end to the saddle, eyes carried by the platform, hooks carried by the flexible members and engaging the eyes to tightly hold the forked member in engagement with a

pole, a pair of hook members, and means for swingably mounting said hook members on the lower portion of the standard, said hook members engaging a pole opposite from the prongs carried by the arcuate member.

3. A device as set forth, comprising a standard, a platform on the upper end of the standard, an arcuate member at the lower end of the standard, prongs carried by the arcuate member for engagement with the periphery of a pole, said prongs being downwardly inclined, a forked member carried by the upper portion of the pole, a curved saddle, a pair of flexible members secured to said saddle, means for releasably securing said flexible members to the platform, a pair of hook members, means for swingably mounting said hook members on the standard, and means for lengthening or decreasing the length of the hook members.

4. A device as set forth, comprising a standard, a platform on the upper end of the standard, an arcuate member on the lower end of the standard, downwardly directed prongs carried by the inside of said arcuate member for engagement with the periphery of a pole, a pair of oppositely directed hook members, means for swingably mounting said hook members one on each side of the standard, prongs carried by said hook members, a forked member carried by the upper portion of the standard and adapted to engage the periphery of a pole spaced upwardly from said arcuate member, a curved saddle, and means for detachably and adjustably securing said saddle to the upper portion of the platform, said saddle engaging the periphery of a pole opposite from the forked member.

5. A device as set forth, comprising a standard, a platform on the upper end of the standard, an arcuate member on the lower end of the standard, cushioning members carried by said arcuate member, a pair of oppositely directed hooks, means for swingably mounting said hooks on the lower portion of the standard, cushioning members carried by said hooks, a forked member secured to the upper portion of the standard, cushioning members carried by said forked member, a saddle engaging the periphery of a pole opposite from said forked member, a cushioning member between said saddle and the pole, and means for detachably securing the saddle to the platform.

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