

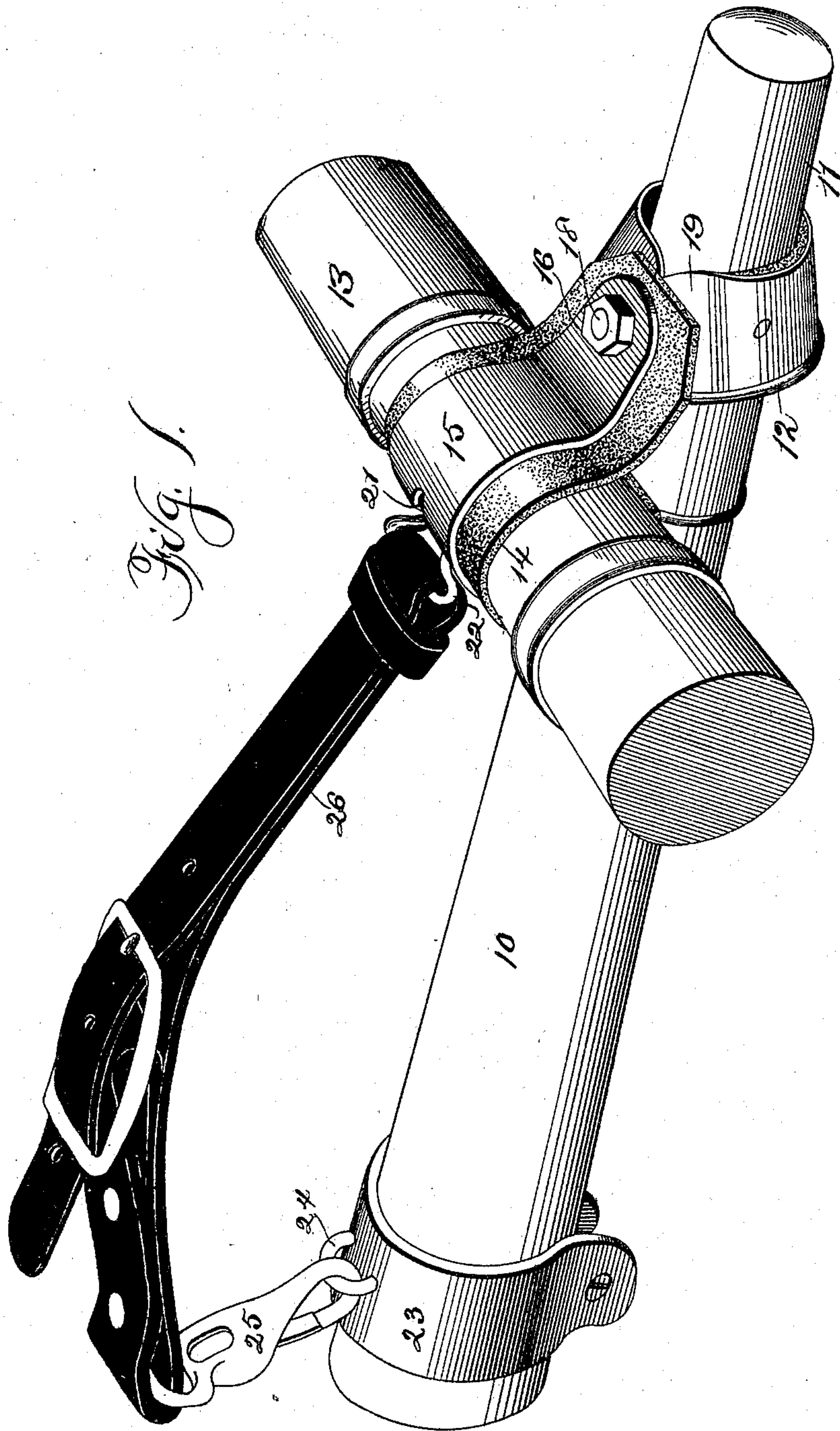
(No Model.)

B. LARSEN.

SAFETY ATTACHMENT FOR POLE YOKES.

No. 584,881.

Patented June 22, 1897.



Witnesses:  
*R. J. Orwig.*  
*S. C. Sweet.*

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Attorneys.



# UNITED STATES PATENT OFFICE.

BESSIE LARSEN, OF RUTHVEN, IOWA, ASSIGNOR OF ONE-HALF TO  
G. BALDWIN, OF SAME PLACE.

## SAFETY ATTACHMENT FOR POLE-YOKES.

SPECIFICATION forming part of Letters Patent No. 584,881, dated June 22, 1897.

Application filed January 29, 1897. Serial No. 621,250. (No model.)

*To all whom it may concern:*

Be it known that I, BESSIE LARSEN, a citizen of the United States of America, and a resident of Ruthven, in the county of Palo Alto and State of Iowa, have invented a new and useful Safety Attachment for Pole-Yokes, of which the following is a specification.

The object of this invention is to provide improved means for avoiding accident occasioned by accidental removal of the yoke from the pole or by the breaking of a pole end or the yoke-eye and consequent descent and engagement of the pole with the surface of the ground.

My invention consists in the combination of a pole and yoke and means of flexible connection between the pole and yoke, whereby in the event of the accidental removal of the yoke from the pole, a breakage of the pole at the front end thereof, or the breakage of the yoke-eye the pole will be retained against descent.

My invention consists, further, in the construction, arrangement, and combination of elements hereinafter set forth, pointed out in my claim, and illustrated by the accompanying drawing, in which the figure is a perspective of the complete device.

In the construction of the device, as shown, the numeral 10 designates a pole having a pole end 11, provided with a flange 12. A neck-yoke 13 is provided having a collar 14 clamped thereon by a clamp 15, the collar and clamp projecting downwardly and forwardly from the neck-yoke to form ears 16, traversed by a bolt 18. An eye 19 is connected with the collar and clamp by the bolt 18 and is arranged to embrace the pole end in front of the flange 12 and connect the neck-yoke to the said pole end. The collar and clamp also are secured to the neck-yoke by means of a pin traversing a slot 21 in the upper portion of the clamp and collar and seated in the neck-yoke, which pin is formed with an eye 22 on its upper end, the said eye being elongated transversely. A clamp 23 is mounted on the pole 10 at a distance of about one linear foot to the rear of the pole end 11, which clamp is formed with an eye 24, extending

upwardly therefrom and having its axis in a plane parallel with the longitudinal axis of the pole 10. A snap-hook 25 is removably and replaceably mounted in the eye 24 and is adjustably connected with the eye 22 by means of a double adjusting-strap 26.

In the practical use of this invention the neck-yoke is suspended in front of the team of draft-animals by attaching to the harness in any common manner, (not shown,) and the neck-yoke is connected to the pole by inserting the pole end 11 within the eye 19, further connection being provided through the eye of the pin in the neck-yoke connected with the eye of the clamp at the rear of the pole end by the adjustable strap and snap-hook. The auxiliary clamp may be adjusted to any convenient position in the length of the pole, and in the event the pole breaks at any point in front of said clamp, or the yoke-eye breaks, or the yoke-eye slips over the end of the pole, the said pole will be sustained against material descent by the auxiliary attachment of the snap-hook, strap, and pin.

By means of the clamp 23, having an eye 24, my attachment can be readily fitted to poles of different size without weakening them by bolt-holes, and by connecting a leather strap having a buckle with the pole-yoke that is detachably connected with the front end of the pole and the snap-hook connected with the adjustable leather strap the pole-yoke can be readily connected with and disconnected from the pole.

I claim as my invention—

In a device of the class described the combination of a neck-yoke, a clamp, a pin traversing said clamp and seated in the neck-yoke, which pin is formed with an eye outside the clamp, a clamp arranged for attachment adjustably to the pole and provided with an eye, a snap-hook engaging the eye of the clamp on the pole and an adjustable strap connecting the eye of the snap-hook with the eye of the pin on the neck-yoke.

BESSIE LARSEN.

Witnesses:

G. BALDWIN,  
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