

No. 778,098.

PATENTED DEC. 20, 1904.

O. O. BERGH.
CLEVIS.

APPLICATION FILED APR. 20, 1904.

NO MODEL.

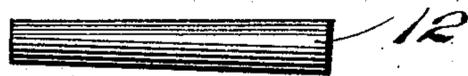
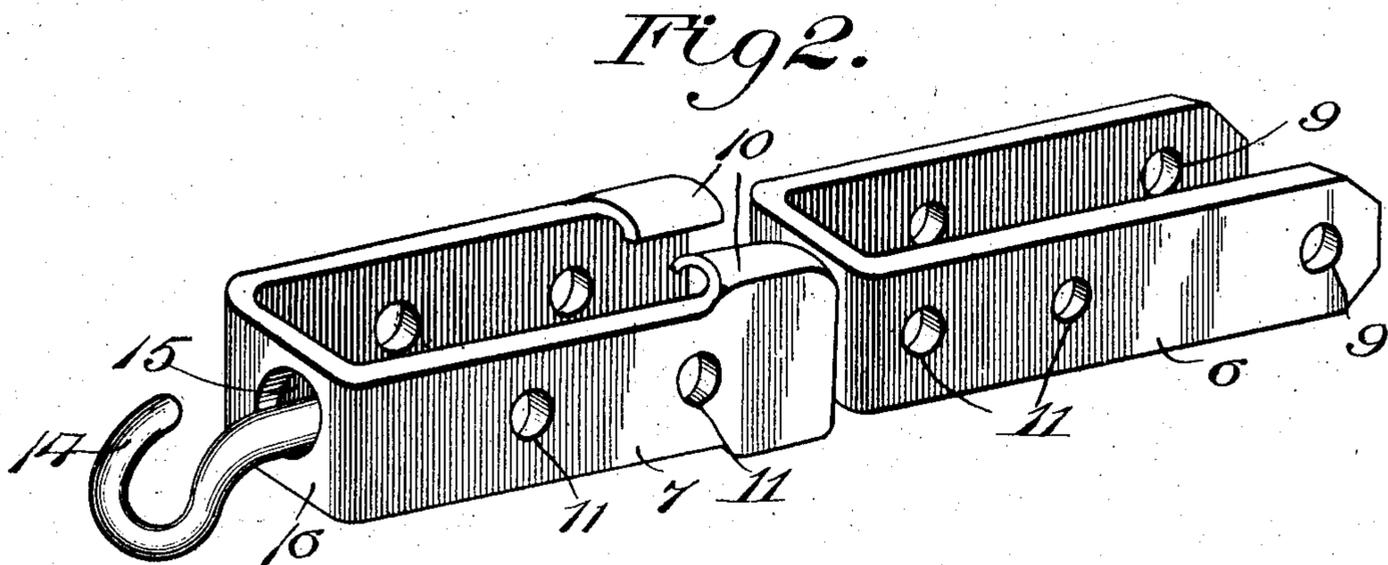
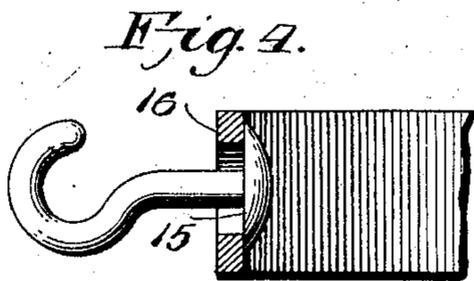
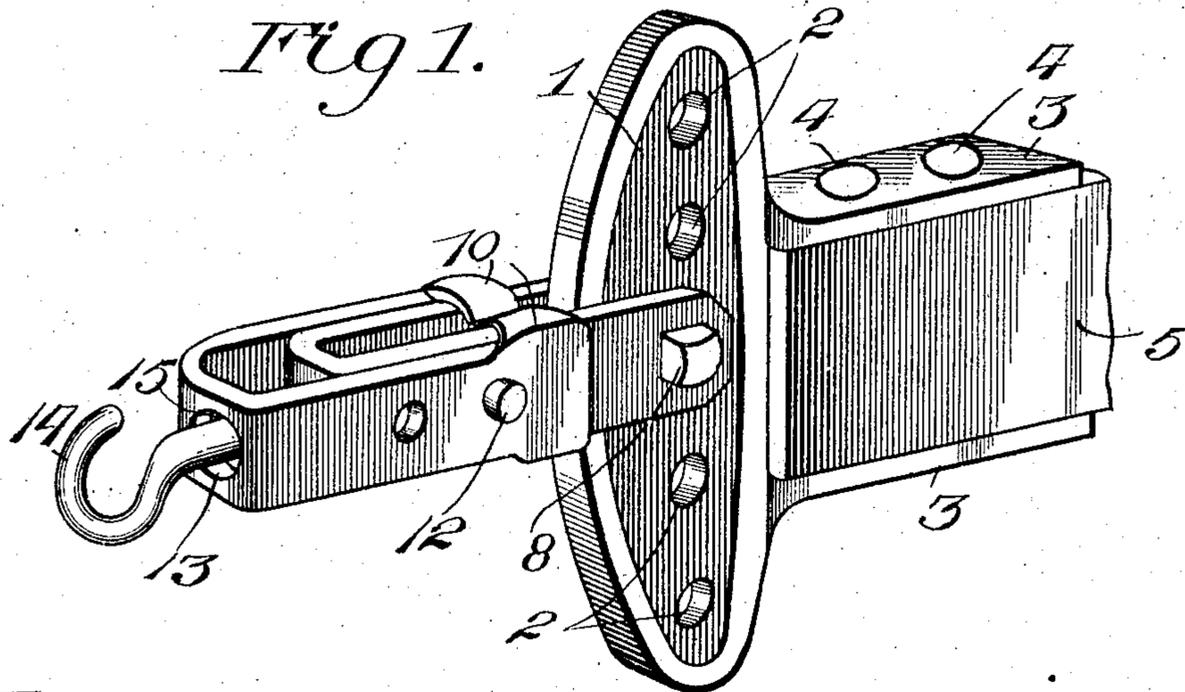


Fig. 3. *Olai O. Bergh.* Inventor

Witnesses
Phil E. Barnes.
Bessie Faquet.

By *Nictor J. Evans* Attorney

UNITED STATES PATENT OFFICE.

OLAI O. BERGH, OF VOLGA, SOUTH DAKOTA.

CLEVIS.

SPECIFICATION forming part of Letters Patent No. 778,098, dated December 20, 1904.

Application filed April 20, 1904. Serial No. 204,127.

To all whom it may concern:

Be it known that I, OLAI O. BERGH, a citizen of the United States, residing at Volga, in the county of Brookings and State of South Dakota, have invented new and useful Improvements in Clevises, of which the following is a specification.

This invention relates to clevises, the principal object of the invention being to provide what may be termed a "safety-clevis," which, in addition to the two adjustably-connected clevis members, comprises an additional member which is in the nature of a sliding and detachable link which is connected with the clevis in such manner that it may readily slip therefrom when the machine or farming implement to which the clevis is attached strikes an unyielding obstacle, thus automatically disconnecting the team from the farming implement without liability of breaking the harness, the machine or implement, or the whiffletrees, or eveners where such are employed.

With the above general object in view the invention consists in the novel construction, combination, and arrangement of parts, as herein fully described, illustrated, and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a clevis embodying the present invention. Fig. 2 is an enlarged detail perspective view of the draft-link with the parts thereof separated or moved out of engagement with each other. Fig. 3 is a detail view of the break-pin. Fig. 4 is a detail view representing a portion of one of the members in which is held a draft device.

Like reference-numerals designate corresponding parts in all the figures of the drawings.

Referring to the drawings, 1 designates the clevis-head, which is shown as elongated vertically and provided with a vertical series of holes 2 for the attachment of the other clevis member, the clevis-head being further provided with attaching lugs or extensions 3, provided with suitable openings to receive bolts or rivets 4, by means of which the clevis as a whole is attached to the tongue 5 of any suitable machine or farming implement. The other clevis member consists of a draft-link which embodies two members 6 and 7, 6 des-

ignating the inner or main member, which is attached, by means of a pin or bolt 8, to the head 1. The attached member 6 is bent into substantially U shape, as best shown in Fig. 2, and provided with terminal holes 9 to receive the attaching-bolt 8, which is adjustable to any of the holes 2 of the head for raising and lowering the draft-link to any point desired. The other member, 7, is sliding and detachable with respect to the member 6. In shape it resembles the member 6; but the side portions thereof are set far enough apart to embrace the side portions of the member 6 in the manner shown in Fig. 1. The sliding and detachable member 7 is further provided adjacent to its ends with upper and lower sets of inwardly-projecting flanges or lips 10, which extend over the top and bottom edges of the member 6 and prevent vertical separation between the two members of the draft-link, while allowing the member 7 to slide outward on and become detached from the member 6. Both members 6 and 7 are provided with oppositely-located sets of holes 11, which are adapted to receive a wooden break-pin 12, which is inserted through said holes when the members 6 and 7 overlap each other, as shown in Fig. 1. The member 7 is further provided at its forward end with an opening 13, through which passes the shank of a draft-hook 14, having at its rear end a head 15, which lies inside of and bears against the forward connecting portion 16 of the member 7. When the machine or implement comes in contact with an unyielding object, the wooden pin 12 breaks and allows the members of the draft-link to separate, the member 7 slipping off the member 6. This will prevent the breakage of any portion of the machine or harness or the eveners or whiffletrees, and at the same time the connection between the draft-link members may be readily reestablished by inserting a new pin 12 in the place of the one broken. Several sets of holes 11 are provided, so that in case one set of holes becomes choked with a broken pin another set may be used until some subsequent time when it is found convenient to remove the portions of the old plug or pin which have become jammed in said holes.

It will be understood that the form of the clevis may be varied and that other changes may be made in the form, proportion, and minor details of construction without departing from the spirit or sacrificing any of the advantages of the invention.

Having thus described the invention, what is claimed as new is—

1. A clevis comprising a draft-link, constructed of two separable members, and a connection therebetween adapted to break from undue strain upon the members, one of said members having flanges extending across the longitudinal edges of the other.

2. A clevis comprising a draft-link, constructed of two separable substantially U-shaped members, one embracing the other, and having flanges extended across the longitudinal edges thereof, the two said members

being provided with registering holes, and a break-pin inserted through corresponding ones of said holes.

3. A clevis comprising a draft-link, constructed of two separable substantially U-shaped members, one embracing the other, and having flanges extended across the longitudinal edges thereof, the two said members being provided with registering holes, and a break-pin inserted through corresponding ones of said holes, the said first-named member being provided with a draft-hook at the portion connecting the sides thereof.

In testimony whereof I affix my signature in presence of two witnesses.

OLAI O. BERGH.

Witnesses:

C. W. SMITH,
LOUIS A. GRAY.