

No. 859,979.

PATENTED JULY 16, 1907.

R. H. SANKER.
CLEVIS.

APPLICATION FILED SEPT. 1, 1906.

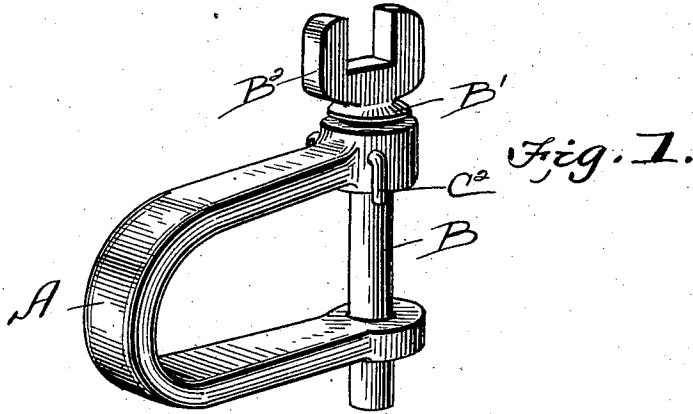


Fig. 2.

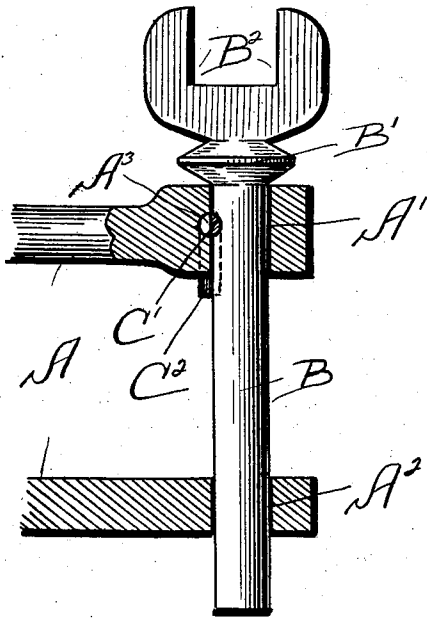


Fig. 3.

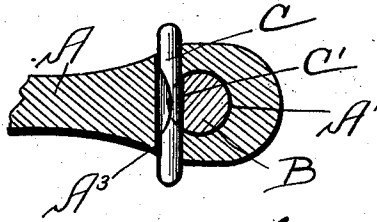


Fig. 4.

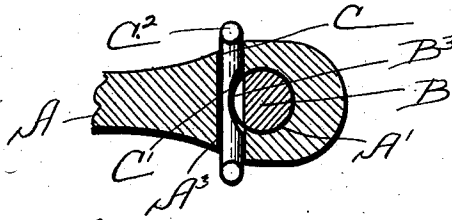


Fig. 5.

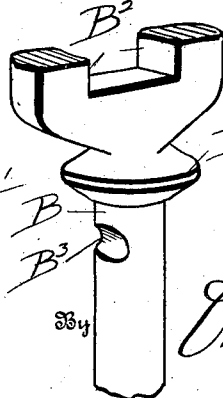
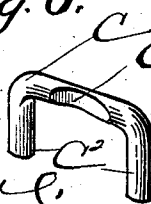


Fig. 6.



Witnesses:

M. J. Blount,
Rea P. Wright.

Inventor

R. H. Sanker.

McLean Brock

Attorneys

UNITED STATES PATENT OFFICE.

RUDOLPH H. SANKER, OF MOSCOW MILLS, MISSOURI.

CLEVIS.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, RUDOLPH H. SANKER, a citizen of the United States, residing at Moscow Mills, in the county of Lincoln and State of Missouri, have invented a new and useful Improvement in Clevises, of which the following is a specification.

This invention relates to clevises and more particularly to means for locking the draft bolt, the object being to provide very simple and efficient means for locking the removable bolt in place without any danger of it coming out accidentally.

With this and other objects in view, the invention consists in the novel features of construction, combination and arrangement of parts, all hereinafter fully described and pointed out in the claims.

In the drawing forming a part of this specification:—
Figure 1 is a perspective view of the clevis. Fig. 2 is a detail vertical sectional view. Fig. 3 is a detail sectional view showing the locking pin swung into engagement with the bolt. Fig. 4 is a detail sectional view showing the locking pin swung out of engagement with the bolt. Fig. 5 is a perspective view of the bolt partly broken away. Fig. 6 is a perspective view of the locking pin.

In the drawing A indicates the body or stirrup of my improved clevis, the arms of which are enlarged at their ends and are provided with registering bolt-holes A', A², in which is arranged a draft-bolt B, provided with a head B' having jaws B², extending therefrom, forming a wrench so that the plow will always be provided with a wrench when in use.

The end of the arm provided with the opening A', is provided with a transverse bore A³ which extends through one side of the opening A', and in which is mounted a pin C, having a curved cut-out portion C',

one side registering with the opening A'. The pin is provided angled ends C², by means of which the cut-out portion of the pin can be turned into alinement with the opening A' in the arm or the pin into engagement with a transverse groove B³ formed in the bolt B.

It will be readily seen that the angled end of the pins by their weight will hold the pin into the transverse slot of the draft-bolt so as to securely lock the pin therein without any danger of it coming out.

From the foregoing description it will be readily seen that I have provided a clevis with a locking pin so constructed that the draft-bolt can be easily and quickly removed or inserted as desired.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. The combination with a clevis having arms with enlarged ends provided with registering openings, of a bolt mounted in said openings provided with a transverse groove and a pin arranged in a bore extending through one of the arms of the clevis connecting with the openings having a cutout portion and angled ends, for the purpose described.

2. The combination with a clevis having arms with enlarged ends provided with registering vertical openings, one of said arms having a transverse bore communicating with the vertical opening in the arm, of a bolt mounted in said opening provided with a transverse groove adapted to register with the transverse bore of the arm, and a pin arranged in said transverse bore having a central cut out portion and angled ends adapted to drop by gravity and turn the pin into the transverse groove of the pin.

RUDOLPH H. SANKER.

Witnesses:

EDWARD H. ORDELHEIDE,
WILLIAM A. DEPPING.