

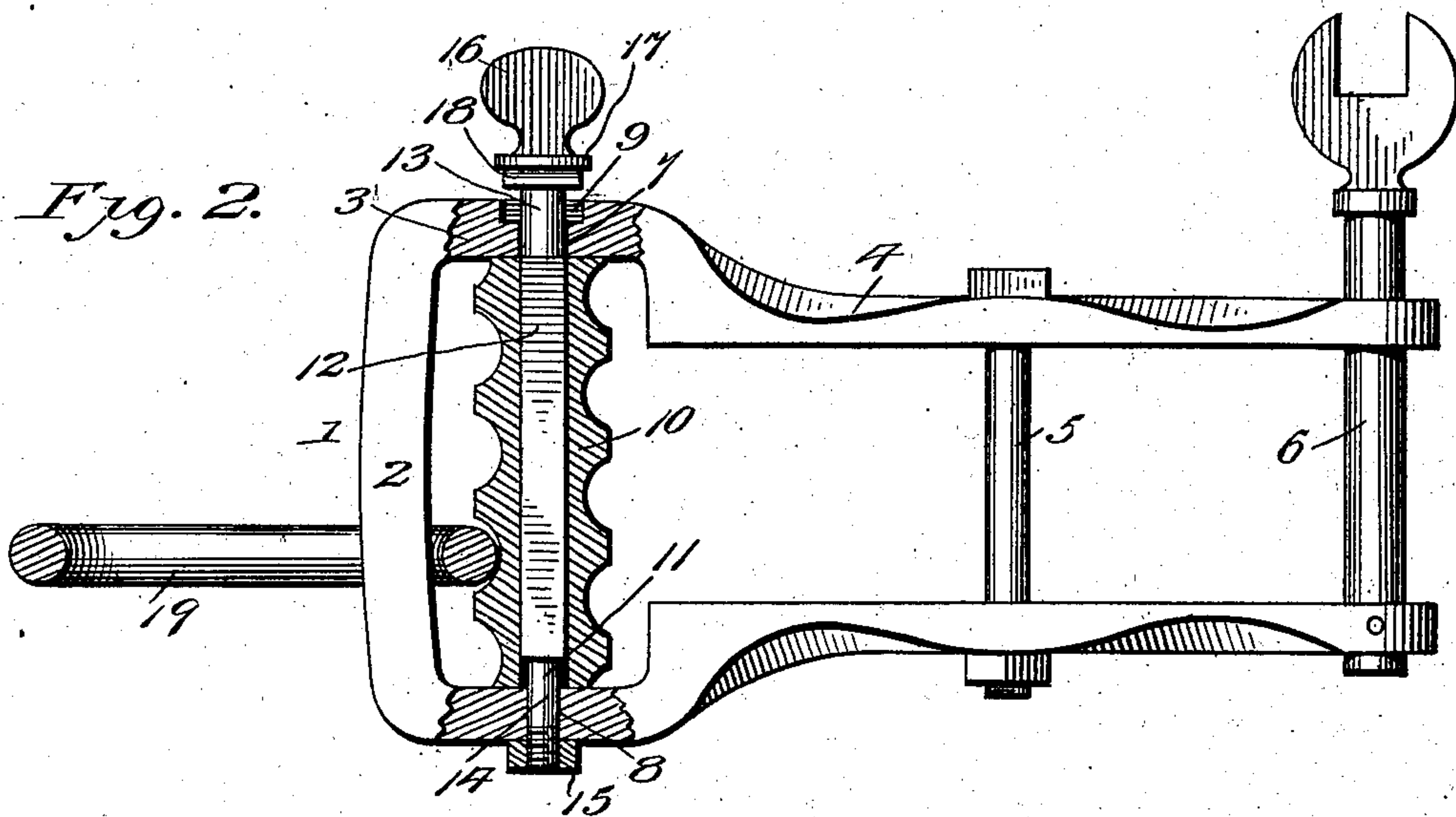
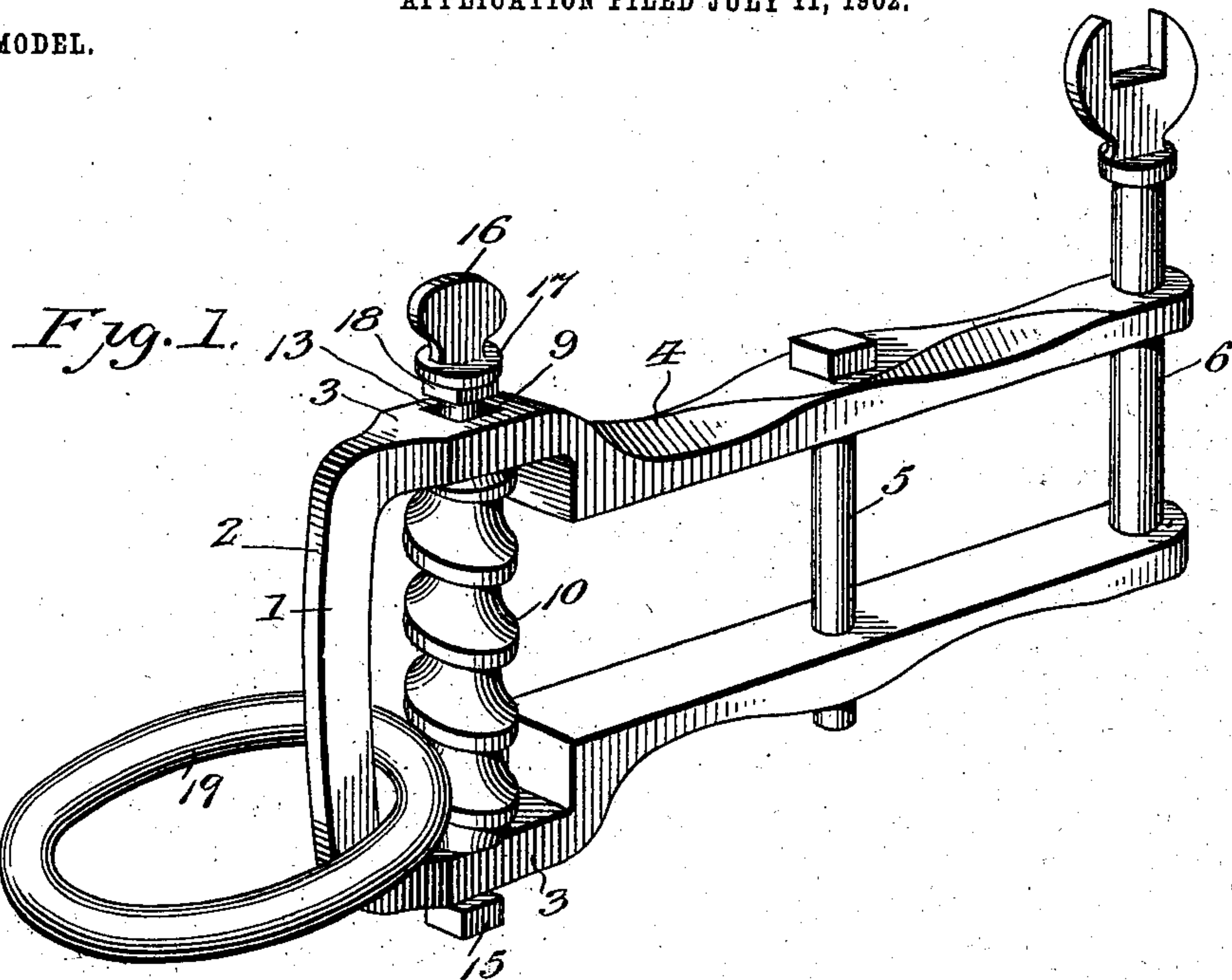
No. 721,530.

PATENTED FEB. 24, 1903.

H. WESCOTT, DEC'D.
J. E. WESCOTT, ADMINISTRATOR.
CLEVIS.

APPLICATION FILED JULY 11, 1902.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

JABEZ R. WESCOTT, OF MULLETHALL, SOUTH CAROLINA, ADMINISTRATOR
OF HUBERT WESCOTT, DECEASED.

CLEVIS.

SPECIFICATION forming part of Letters Patent No. 721,530, dated February 24, 1903.

Application filed July 11, 1902. Serial No. 115,197. (No model.)

To all whom it may concern:

Be it known that I, JABEZ R. WESCOTT, administrator of the estate of HUBERT WESCOTT, deceased, a citizen of the United States, residing at Mullethall, in the county of Charleston and State of South Carolina, aver that the said HUBERT WESCOTT, deceased, invented new and useful Improvements in Clevises, of which the following is a specification.

This invention relates to clevises for plows; and the object of the same is to provide simple and effective means for regulating or adjusting the line of draft relatively to the plow-beam to regulate the depth of penetration of the plow-blade and capable of being disposed in either a vertical or a horizontal position to respectively adjust the line of draft vertically or laterally.

The invention consists in the construction and arrangement of the several parts, which will be more fully hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of a clevis embodying the features of the invention. Fig. 2 is a side elevation of the same, partially broken away and in section.

Similar numerals of reference are employed to indicate corresponding parts in the views.

The numeral 1 designates an open head comprising a front bar 2 and opposite angularly-disposed bars 3, from which legs or shanks 4 project and are adapted to be secured to the plow-beam or like device by a bolt 5, suitably headed and nutted for removal and ready application, and also by a wrench-bolt 6. The sides 3 of the head are respectively formed with openings 7 and 8 therethrough, the opening 8 communicating with an outer angular socket 9. Between the sides 3 a spirally-grooved sleeve or screw 10 is mounted, and therethrough is adjustably inserted a retaining-bolt 11, having an elongated angular body 12, corresponding in shape to the bore of the sleeve 10 to prevent the latter from turning on the bolt. The opposite extremities 13 and 14 of the bolt are round in cross-section for free rotation in the openings 7 and 8, the terminal of the extremity 14 being screw-threaded to receive a securing-nut 15.

The terminal of the extremity 13 is provided with an operating-head 16 and a collar 17, having an angular extension 18, corresponding in shape and adapted to snugly fit in the socket 9.

Closely and movably held between the bar 2 of the head 1 and the screw-sleeve 10 is a link or ring 19, to which draft devices are adapted to be attached.

When the angular extension 18 of the collar 17 is pushed into the socket 9, the bolt 11 will be prevented from rotating; but when the said angular extension is drawn outwardly from the socket the bolt will be free to be revolved or rotated, and in view of the angular body portion thereof engaging the screw-sleeve the latter will be similarly rotated and move the link or ring 19 toward either side 3 of the head in accordance with the direction of rotation of the bolt, and thereby vary the line of draft. After the link or ring 19 has been adjusted its position may be maintained by pushing the angular extension 18 into the socket, and thus lock the screw-sleeve and the bolt against movement. At any time desired the link or ring 19 may be varied in its adjustment by the very simple operation set forth, and the distance between the screw-sleeve and the front bar 2 of the head 1 is such as to permit loose movement of the ring or link, yet prevent disengagement thereof from the spiral groove in the said sleeve. It will be observed that the draft strain is not brought to bear upon the sleeve, but is imposed upon the front bar 2 of the head 1, as in the common form of clevis, with the additional feature of the capability of positively moving the link or ring and retaining the latter in its adjusted position by the sleeve.

The improved clevis can be quickly applied and is comparatively cheap in the cost of manufacture and is strong and durable in its structure.

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

1. A clevis comprising a head having a front bar and angular side bars with shanks extending therefrom, the side bars of the head being formed with openings therethrough and one communicating with an angular socket, a bolt movable through the openings in the side

bars of the head and having an elongated angular body and terminal cylindrical portions and a collar with angular extensions to engage the said socket, the bolt being longitudinally movable in the openings in the side bars of the head and also rotatable, a screw-sleeve mounted on the bolt to turn therewith and having an opening therethrough corresponding in shape to the elongated angular body of the bolt and located in close relation to the front bar of the head, and a link interposed between the front bar of the head and the screw-sleeve and held in continual engagement with the spiral groove of the latter, the link being adjustable by disengaging the angular extension of the bolt from the similar-shaped socket in one of the side bars to rotate the bolt and screw-sleeve.

2. A clevis comprising a head with a front bar and angular side bars from which shanks extend, the side bars of the head having openings therethrough and one of the latter communicating with an outer angular socket, a

bolt freely movable through the openings and having an angular body portion and rounded extremities and also provided with an angular device to also engage the socket and prevent rotation of the bolt, the said bolt being longitudinally movable and rotatable, a screw-sleeve through which the bolt extends and rotatable with the latter, the bolt being slidable through the sleeve, the latter being prevented from having rotation on the said bolt, and a link interposed between the front bar of the head and the screw-sleeve and held in continual engagement with the groove of the said sleeve.

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

JABEZ R. WESCOTT,

Administrator of the estate of Hubert Wescott, deceased.

Witnesses:

A. C. SEABROOK,

WILLIAM SEABROOK.