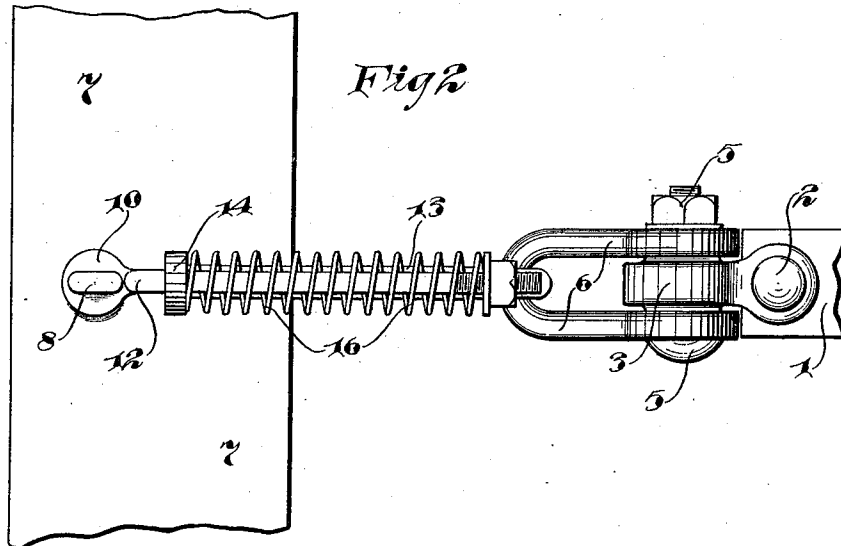
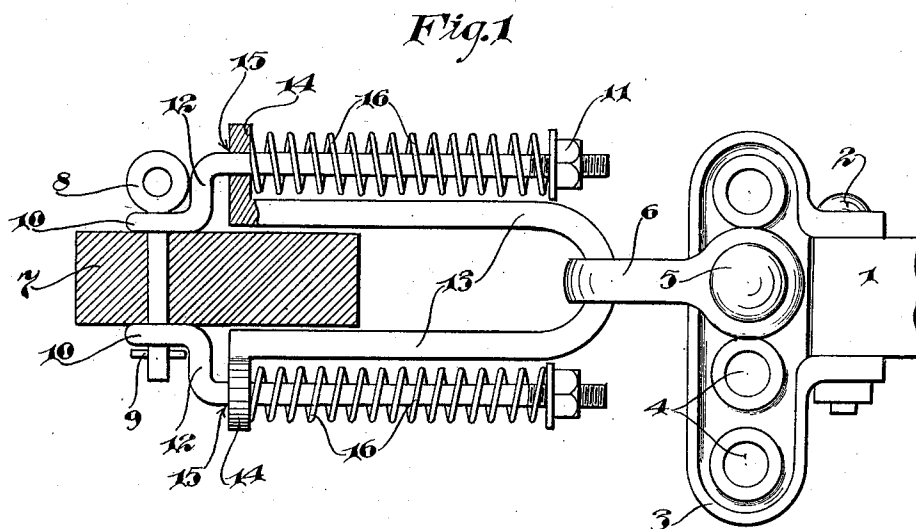


A. ANDERSON.
CLEVIS CONNECTION.
APPLICATION FILED NOV. 14, 1910.

1,008,771.

Patented Nov. 14, 1911.



Witnesses:
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UNITED STATES PATENT OFFICE.

ALBERT ANDERSON, OF GLENWOOD, MINNESOTA.

CLEVIS CONNECTION.

1,008,771.

Specification of Letters Patent. Patented Nov. 14, 1911.

Application filed November 14, 1910. Serial No. 592,148.

To all whom it may concern:

Be it known that I, ALBERT ANDERSON, a citizen of the United States, residing at Glenwood, in the county of Pope and State of Minnesota, have invented certain new and useful Improvements in Clevis Connections; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has for its object to provide a clevis connection especially adapted for use in connecting an equalizing beam or whiffletree to a plow beam, and to this end the invention consists of the novel devices and combinations of devices hereinafter described and defined in the claim.

In the accompanying drawings which illustrate the invention, like characters indicate like parts throughout the several views.

Referring to the drawings, Figure 1 is a side elevation, with some parts broken away and some parts sectioned, showing the improved connection; and Fig. 2 is a plan view of the same.

The numeral 1 indicates a portion of the front end of a plow beam to which is secured by means of a bolt 2, a vertically extended coupling flange 3 having formed therein a row of vertically spaced bolt seats 4. By means of a short horizontally extended bolt 5, a small clevis 6 is adjustably secured to the flange 3 by passing the bolt 5 through any one of the seats 4.

The numeral 7 indicates the intermediate portion of an equalizing beam having the customary pin seat and vertically extended headed pin 8 seated therein. To prevent the pin 8 from working out of its seat, the same has passed through its lower end a split key or cotter 9.

The parts thus far referred to may be of the standard or of any desired construction.

Referring to the improved clevis connection, the numeral 10 indicates a pair of vertically spaced eye bolts pivotally secured,

one on each side of the equalizing beam 7, by means of the pin 8 passed through the eyes thereof. Each eye bolt 10 at its free end has secured thereto, by screw threaded engagement, an adjusting nut 11 and near its forward end is first bent laterally and then rearwardly, parallel with the front end thereof, to form a stop 12. These stops 12 extend in opposite directions, one from the other, and thereby increase the distance between the rearwardly projecting ends of the eye bolts 10. Interlocked with the clevis 6 is a relatively long clevis 13 which extends between the eye bolts 10 and embraces the adjacent portion of the equalizing beam 7. The ends of the clevis 13 are bent laterally and in opposite directions, one from the other, to form guide lugs 14, in each of which is formed a seat 15 and through which seats 15 the eye bolts 10 work. Mounted on the eye bolts 10 and interposed between the guide lugs 14 and adjusting nuts 11 is a pair of coiled compression springs 16. Normally, the coiled springs 16 will be of such size and tension as to hold the guide lugs 14 in contact with the stops 12. In the drawings the springs 16 are shown as slightly compressed.

What I claim is:

In a device of the kind described, the combination with a pair of eye bolts pivotally connected at their eyes to a common connection for lateral swinging movements and provided with stops formed by bending said eye bolts, and adjusting nuts applied to the free ends of said eye bolts, of a clevis provided at its ends with guide lugs having seats through which said eye bolts work, and coiled springs interposed between said guide lugs and said adjusting nuts, substantially as described.

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

ALBERT ANDERSON.

Witnesses:

FRANK E. REED,
T. T. OSTHUN.