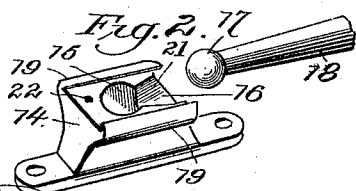
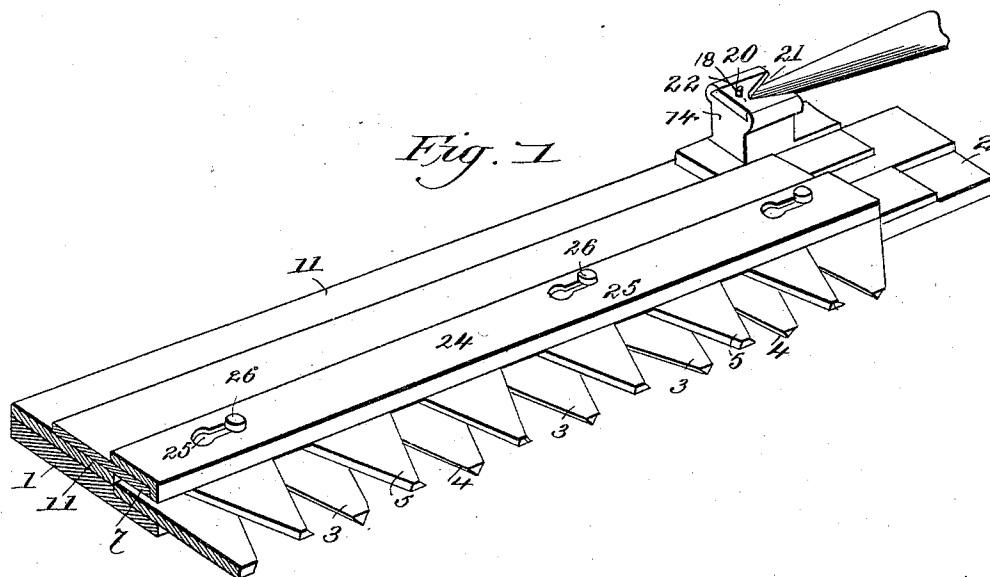


(No Model.)

J. SHERRETT.
SICKLE BAR.

No. 534,922.

Patented Feb. 26, 1895.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN SHERRETT, OF GARDINER, OREGON.

SICKLE-BAR.

SPECIFICATION forming part of Letters Patent No. 534,922, dated February 26, 1895.

Application filed November 16, 1893. Serial No. 491,110. (No model.)

To all whom it may concern:

Be it known that I, JOHN SHERRETT, a citizen of the United States, and a resident of Gardiner, in the county of Douglas and State of Oregon, have invented certain new and useful Improvements in Sickle-Bars; 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 relates to improvements in mechanism for reciprocating cutter bars, and has for its object to provide an improved coupling between the reciprocating bar and the rod or bar for transmitting power thereto.

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

In the drawings forming a part of this specification: Figure 1 is a perspective view of a sickle bar showing the coupling device attached thereto. Fig. 2 is a detail perspective view on an enlarged scale of the coupling device with the top plate thereof removed.

Similar numerals of reference indicate corresponding parts in both views.

Referring to the drawings 1 represents the lower bar of the cutter having securely affixed thereto the cutters 3. Located over the bar 1 is a reciprocating bar 11 to which the movable cutters 5 are operatively connected. A stationary bar 7 is located above the bar 11 which serves as a support for the pivots of the cutters 5. Covering a portion of the bar 7 is a plate 24 having key-hole slots 25 therein adapted to engage headed bolts or pins 26, rising from the said plate 7, the said covering or top plate having an overhanging flange to make a close fitting on the outer edge and prevent the entrance of dirt and grit.

At the inner end of the reciprocating bar 11 is mounted an upright bar 14 wherein is formed a circular opening or socket 15 having a beveled opening 16 extending from the rear end thereof and which removably receives a ball 17 formed on the outer end of the pitman 18 to thereby provide a ball and socket joint. The inner part of the upright

is formed with guides 19 and they are grooved to receive a slide 20 having a substantially V-shaped opening 21 in one side and an opening at the opposite end through which a pin 18 may be inserted and extend into the upright to close the said slide against accidental movement and thereby retain the outer end of the pitman in movable connection with said upright. This construction materially assists in the operation of the mechanism and reduces the friction.

Many advantages will appear to those using the device herein set forth in the general working and operation of the mechanism, and it is obviously apparent that many minor changes in the construction and arrangement of the several parts might be made and substituted for those shown and described without in the least departing from the nature or spirit of the invention.

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

In combination with a reciprocating bar, of an upright rising from the inner end of said bar, having a circular opening or socket therein and a beveled entrance opening extending from the inner end of the upright and through the said opening and also provided with grooved guides on opposite sides of the upper portions thereof, a slide plate movably mounted in said guides and provided with a V-shaped opening in the rear portion thereof, a pitman having a ball formed on the outer end thereof which is movably mounted in the said socket or opening and a pin adapted to be inserted through the small opening of the slide plate and extend into the body of the upright and prevent said slide plate from becoming accidentally displaced, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOHN SHERRETT.

Witnesses:

C. E. RICKER,

O. B. HINSDALE.