(No Model.)

J. C. H. VAUGHT.

SICKLE.

No. 588,843. Patented Aug. 24, 1897.

Fig. 1.

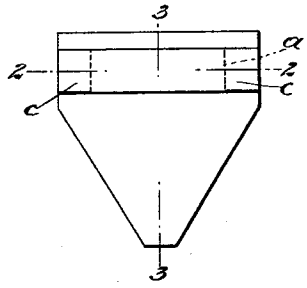


Fig. 2.

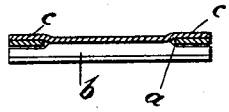
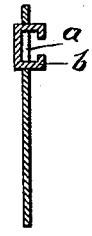


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JAMES C. H. VAUGHT, OF BELGRADE, MONTANA.

SICKLE.

SPECIFICATION forming part of Letters Patent No. 588,843, dated August 24, 1897.

Application filed October 15, 1895. Serial No. 565,747. (No model.)

To all whom it may concern:

Be it known that I, JAMES C. H. VAUGHT, of Belgrade, in the county of Gallatin and State of Montana, have invented a new and useful Improvement in Sickles, of which the following is a full, clear, and exact description.

This invention is an improved means for fixing sickles to the sickle-bars, on which they are carried.

The invention will be fully described hereinafter and defined in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of the invention. Fig. 2 is a section on the line 2 2 of Fig. 1, and Fig. 3 is a section on the line 3 3 of Fig. 2.

The sickle has preferably the usual form and has its body or inner portion provided with a rectangular elongated opening *a*, run transversely to the sickle and longitudinally with reference to the sickle-bars, (the latter part being not shown in the drawings.)

The sickle is held to the sickle-bar by means of an elongated plate having its side portions bent down and thence in to form parallel tongues *b*. The middle unbent portion of said plate has its ends separated from the other portion to form flaps *c*, the distance between which is equal to a little less than the distance between the ends of the opening *a* in the sickle.

In connecting the parts the flaps *c* are bent up perpendicular and passed through the opening *a*, so that the tongues *b* will run transversely to the sickle. The flaps *c* should now be bent down to the position shown in the drawings, whereupon the plate will be held rigidly in place. Two parts—the sickle and plate—thus form a rigid structure which may readily be applied or removed from the sickle-bar. This operation is effected by sliding the sickles over the bar so that the inbent portions of the tongues *b* may run in grooves in the sickle-bar, as will be understood from the prior state of the art.

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

In a cutting apparatus, the combination of a sickle-bar, a knife having an opening formed through it, and a plate having oppositely-arranged parallel tongues, the end portions of the plate being arranged to pass through the opening in the knife to hold the plate in place and the tongues being arranged to engage the sickle-bar to hold the knife in position and to be longitudinally movable thereon, substantially as described.

JAMES C. H. VAUGHT.

Witnesses:
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OWEN FRASER.