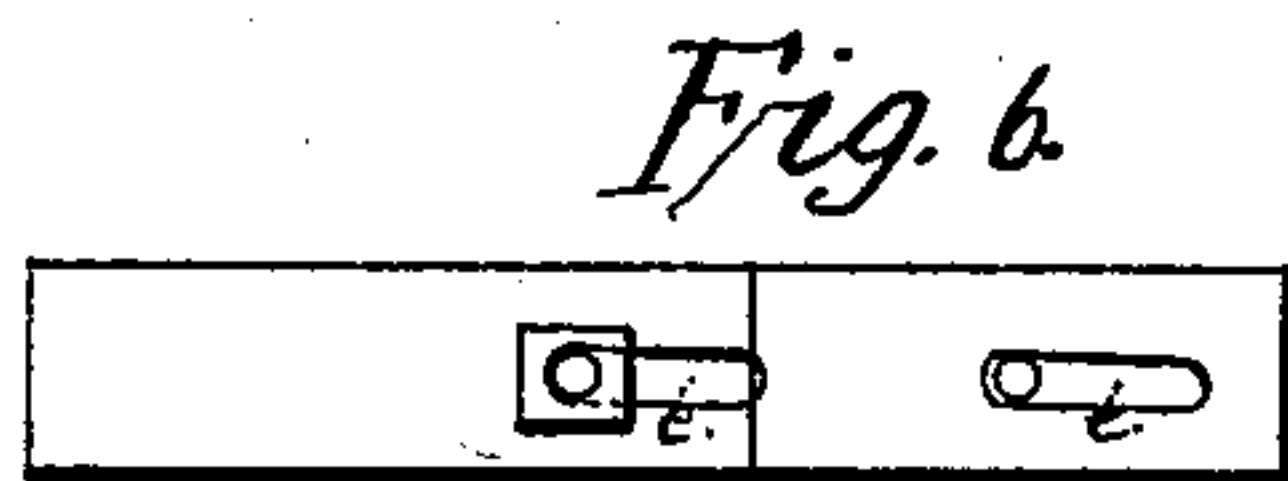
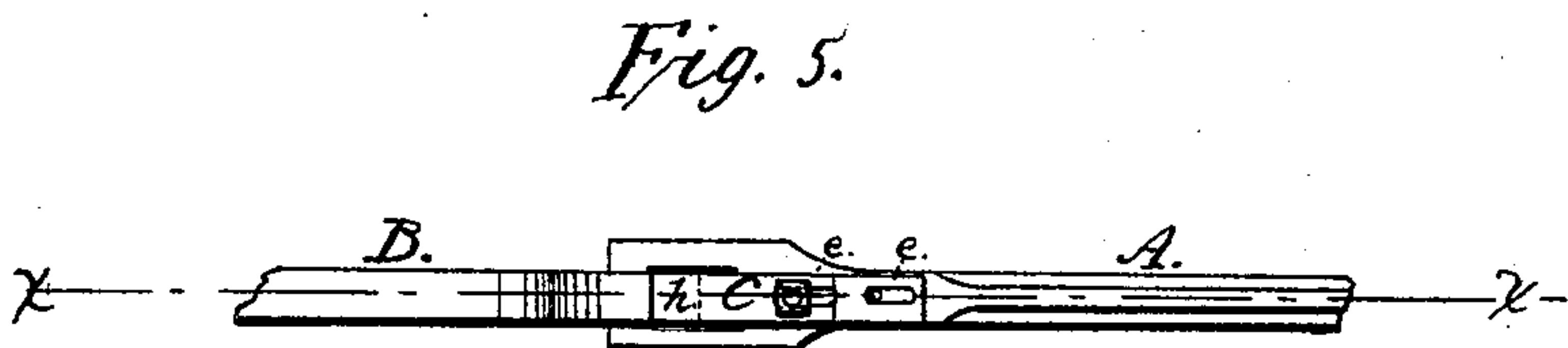
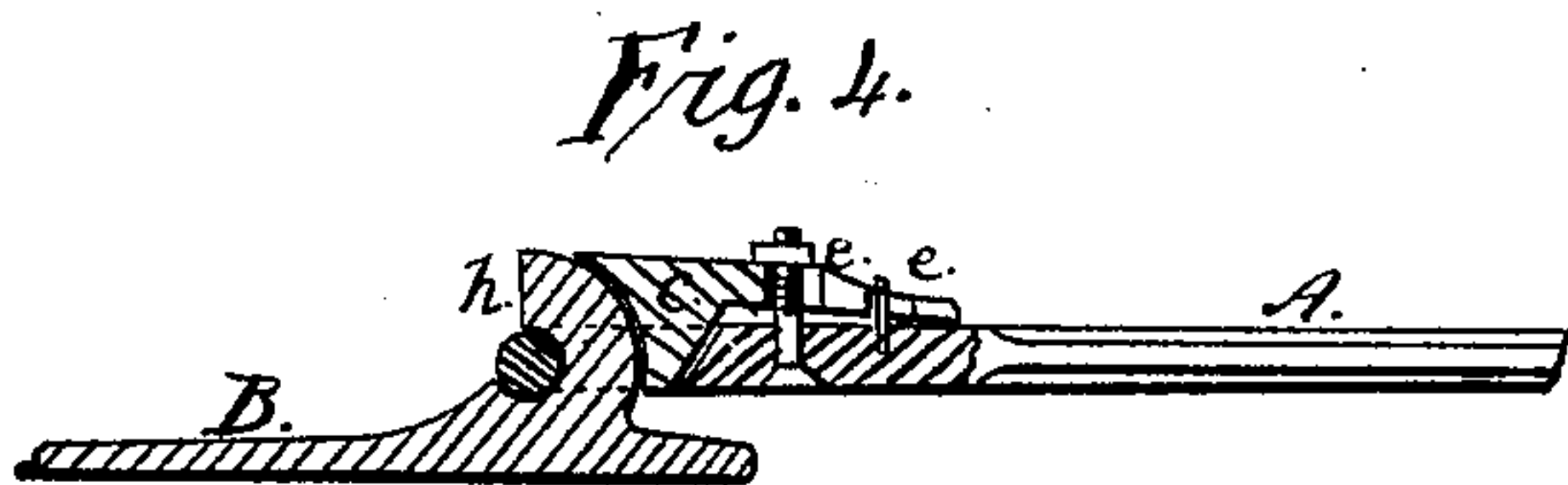
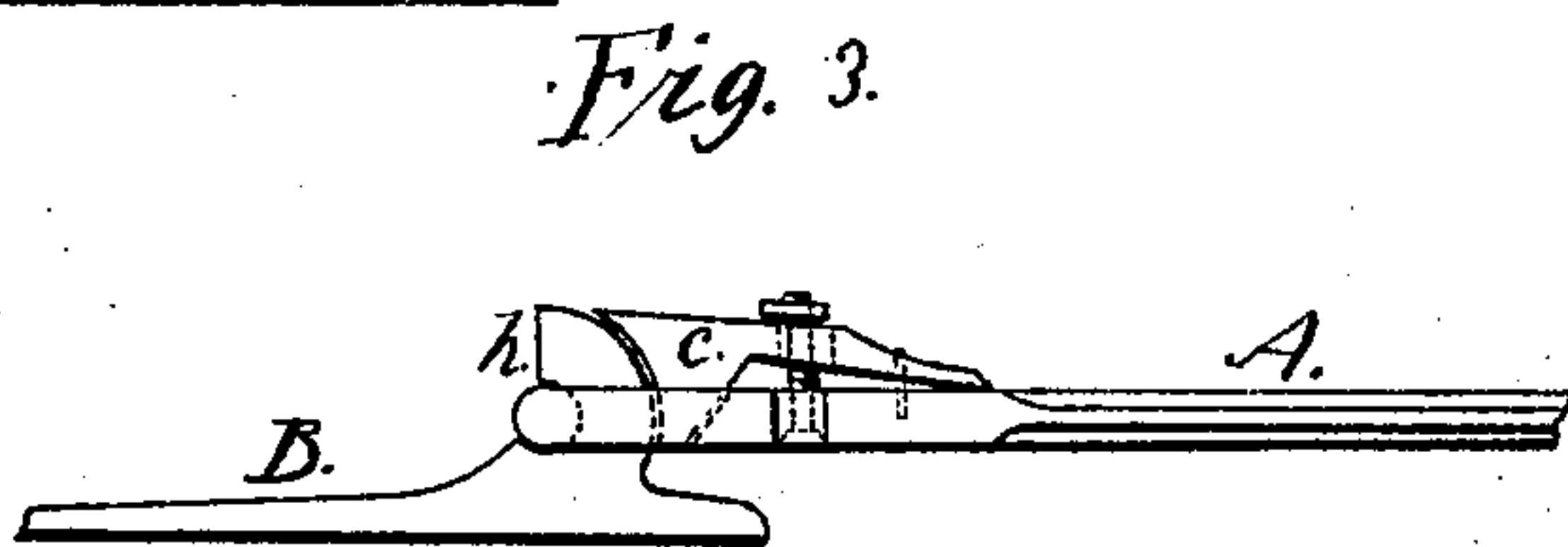
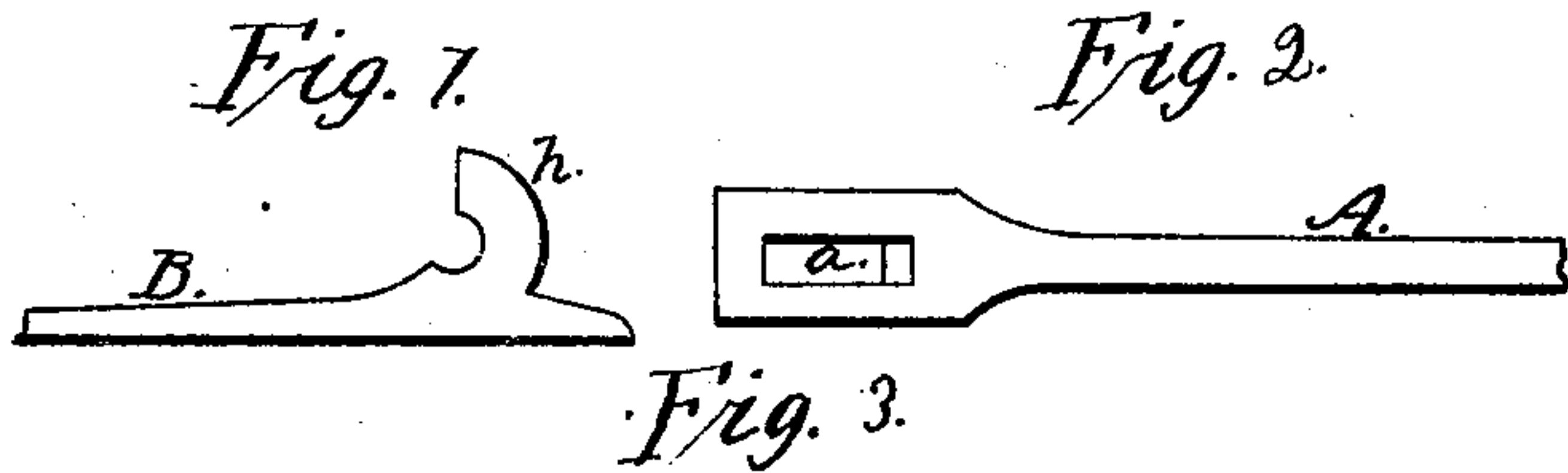


*W. J. Keeney,
Harvester Pitman.*

N^o 68,207.

Patented Aug. 27, 1867.



*Witnesses:
Thos Stroche,
J. A. Service*

*Inventor:
W. J. Keeney
Per Wm. O. Attomey*

United States Patent Office.

WILLIAM J. KEENEY, OF FLORENCE, INDIANA.

Letters Patent No. 68,207, dated August 27, 1867.

IMPROVEMENT IN HARVESTER PITMEN.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, WILLIAM J. KEENEY, of Florence, in the county of Switzerland, and State of Indiana, have invented a new and useful Improvement in Coupling-Joint for the Pitman and Sickle-Bar of a Reaper; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings forming part of this specification, in which—

Figure 1 is a side view of the sickle-bar detached.

Figure 2 is a top view of the pitman detached.

Figure 3 is a side view of my invention, with the pitman and sickle-bar connected.

Figure 4 is a vertical longitudinal section taken on the line *x x*, fig. 5.

Figure 5 is a top view.

Figure 6 is a top view of the adjustable box *c* on the pitman.

Similar letters of reference indicate like parts.

The nature of this invention consists in connecting or coupling the pitman to the sickle-bar of a reaping machine, with an adjustable knuckle-joint formed by a movable box fitted against the end of the sickle-bar so that it can work freely and accurately, while compensation for wear is fully provided for.

A represents a pitman, and B a sickle-bar of a reaping machine, which are attached and operated in the ordinary manner. The pitman A has a slot or oblong hole, *a*, in the end for admitting a hook, *b*, in one side of the end of the sickle-bar. The hook *b* is made in a perfect segment of a circle on the inside and the outside, and the inside of the hook fits and plays upon the end of the pitman as upon a journal, while the outside of the hook fits as a knuckle within the corresponding socket in the end of an adjustable cap piece or box, *c*, that is fastened on the end of the pitman, and enters the slot *a* on the side opposite that in which the hook *b* enters, and thus forms a perfect knuckle-joint, as shown in fig. 3. The adjustable box *c* has in it two slots *e*, through which pass screw-bolts to fasten it firmly to the pitman with nuts, and which slots allow the box to be moved up as the working parts wear away, and thus keep the coupling-joint perfectly adjusted, as shown in fig. 6, detached.

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

The dotted adjustable box C, constructed as described, its outer concave end fitting and working against the outer convex side of the hook *b* of the sickle-bar, its inner end secured to the pitman A, as herein set forth for the purpose specified.

Witnesses:

WILLIAM LAND,
JOHN OREM.

WM. J. KEENEY.