

V. COX.

Mode of attaching Pitman to Sickle Bars.

No. 134,519.

Patented Jan. 7, 1873.

Fig. I.

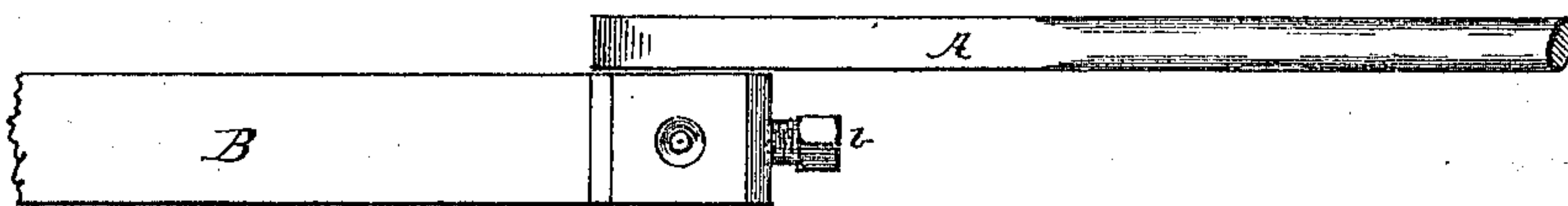


Fig. II.

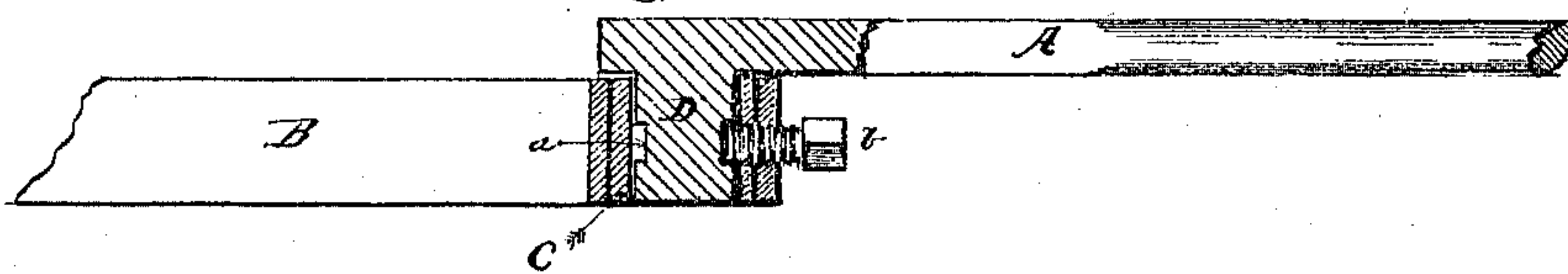


Fig. III.

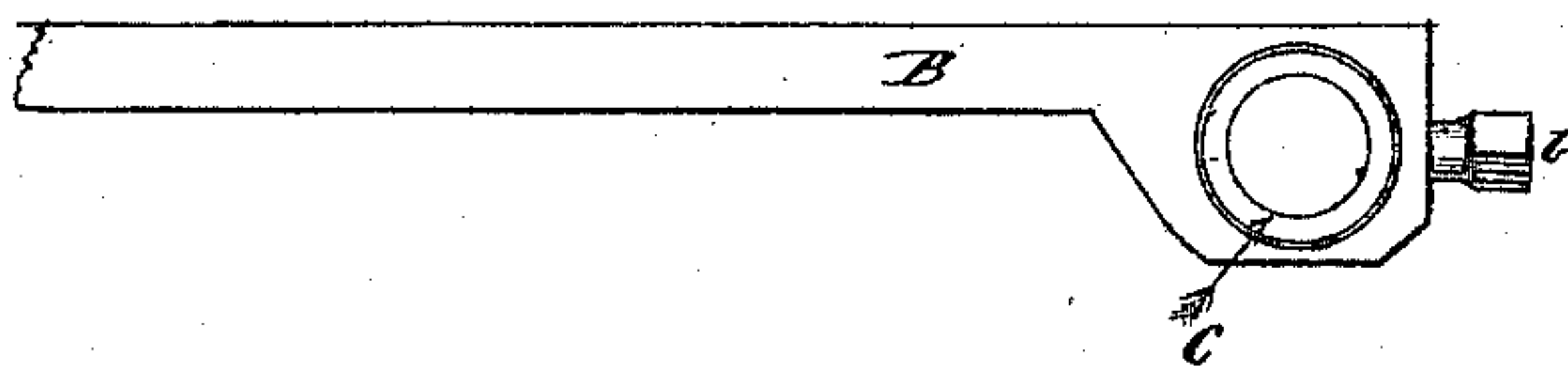
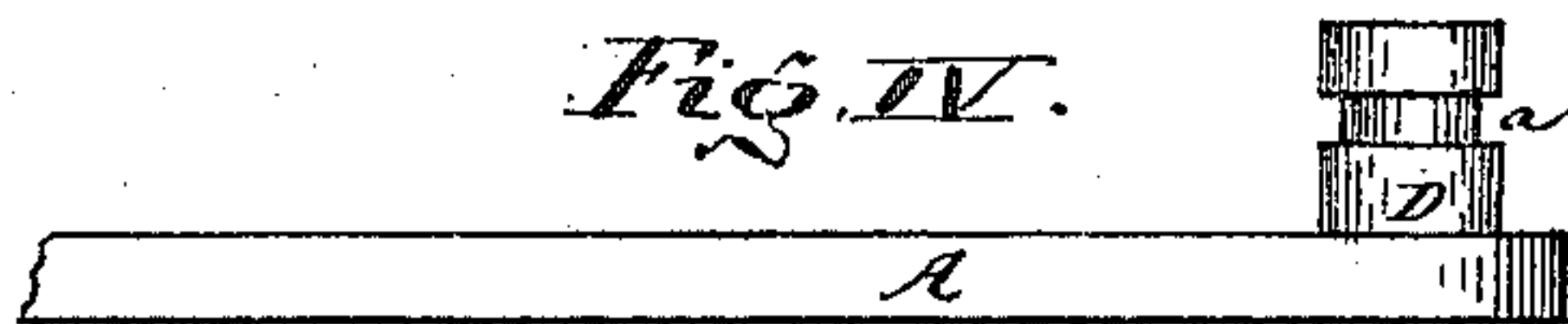


Fig. IV.



Witnesses:

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# UNITED STATES PATENT OFFICE.

VINCENT COX, OF NEW VIENNA, OHIO.

## IMPROVEMENT IN MODES OF ATTACHING PITMEN TO SICKLE-BARS.

Specification forming part of Letters Patent No. 134,519, dated January 7, 1873.

*To all whom it may concern:*

Be it known that I, VINCENT COX, of New Vienna, Clinton county, Ohio, have invented certain Improvements in Pitman Attachments to the Sickle-Bar of Reapers and Mowers, of which the following is a specification:

The object of my invention is to attach the pitman to the sickle-bar of reaping and mowing machines so as to hold it properly in position and be entirely out of the way of all other parts of the machinery, easily adjusted, and readily repaired.

In order to describe my invention more fully, I will refer to the accompanying drawing forming part of this specification.

Figure I is a plan view of a pitman and sickle-bar embodying my invention. Fig. II is a cut sectional view of the same. Fig. III is a plan detached view of the sickle-bar. Fig. IV is a side detached view of the pitman.

A is a pitman; B, the sickle-bar. C is a bushing, made of steel or hardened metal, which is placed in a hole made in the end of the sickle-bar, and is held there securely by heating the end of said sickle-bar until it expands. The bushing is then placed in the hole, and when the metal cools it contracts, and thus prevents the bushing from coming out by wear and

tear. Into this bushing is introduced the pin D, which is fastened to the pitman, and into this pin is cut a groove, *a*. A set-screw, *b*, is threaded into the end of the sickle-bar, which penetrates the bushing C, and fits into the groove *a*, thus holding the pin D in the bushing C, and allowing it to turn freely.

The mode of bushing the hole in the sickle-bar, into which the pitman-pin is introduced, is especially of great value in worn-out boxing on sickle-bars, and is at the same time cheaply and quickly performed. The mode of attaching the pitman to the sickle-bar by aid of the set-screw *b* and groove *a* is the simplest, cheapest, and most adjustable.

Having thus fully described my invention, I desire to claim—

1. Attaching and adjusting the pitman A to the sickle-bar B by aid of the set-screw *b* and groove *a* in the pin D, substantially as and for the purpose set forth.

2. The pitman A, attached and adjusted to the sickle-bar B, substantially as and for the purpose set forth.

VINCENT COX.

Witnesses:

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