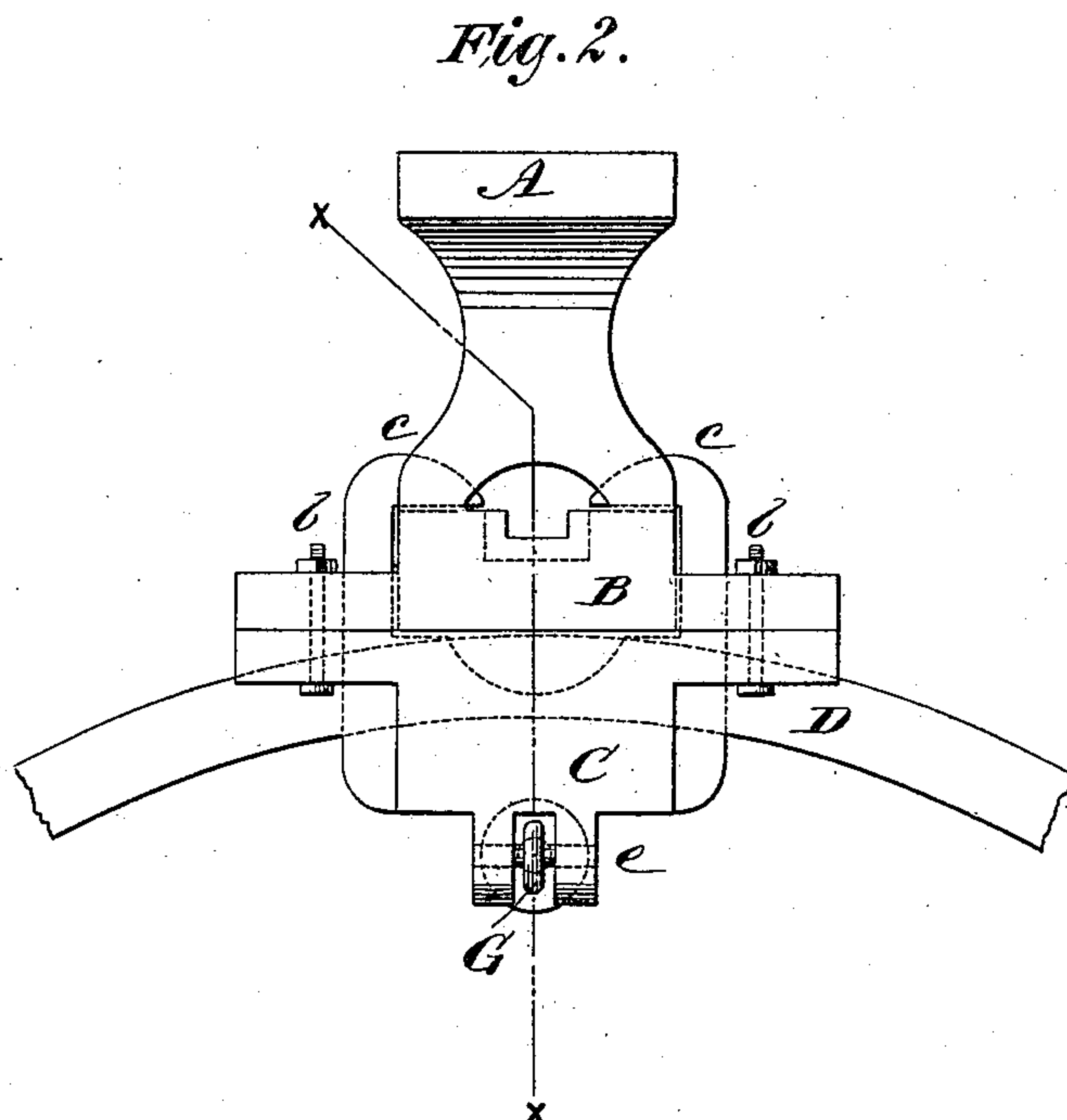
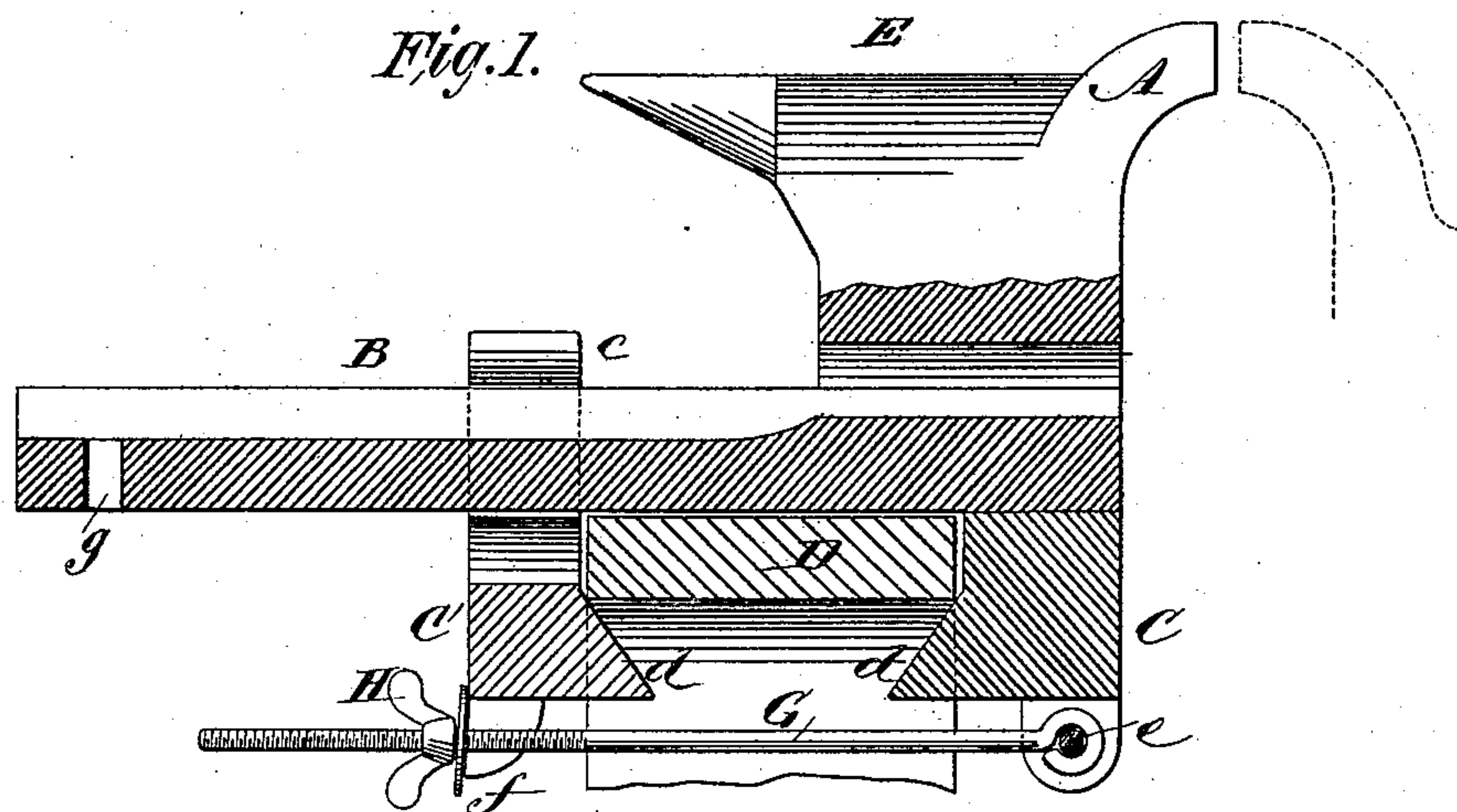


(No Model.)

C. H. EDDY.  
VISE ATTACHMENT.

No. 297,360.

Patented Apr. 22, 1884.



WITNESSES:  
*Gustave Dietrich*  
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INVENTOR:  
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ATTORNEYS.

# UNITED STATES PATENT OFFICE.

CHARLES H. EDDY, OF AUBURN, NEW YORK, ASSIGNOR TO HIMSELF AND  
GUSTAVE S. BAKER, OF SAME PLACE.

## WISE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 297,360, dated April 22, 1884.

Application filed March 4, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES H. EDDY, of Auburn, in the county of Cayuga and State of New York, have invented a new and Improved Wise Attachment, of which the following is a full, clear, and exact description.

The object of this invention is to provide for the convenient attachment of a vise to the wheel of a wagon or portable engine for doing farm and other work, with provision, when desired, for attachment of the vise to a work-bench or table.

The invention, generally, consists in providing the under side of a vise with two jaws, the one of which is stationary and the other adjustable, and the two of which are connected by a swiveled adjusting-bolt, and their inner surfaces suitably constructed to bite or hold on the opposite sides of the rim of the wheel it is desired to attach the vise to. When desired to secure the vise to a bench or table, the adjustable one of the jaws is detached and the vise secured by a bolt passing through its slide-bed.

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

Figure 1 represents a partly-sectional longitudinal vertical view, on the line *x x* in Fig. 2, of a vise in part having my invention applied, and showing the vise as secured to the rim of a wheel. Fig. 2 is a rear view, the outer or adjustable jaw of the vise not being shown.

The vise, which is here only shown in part, is a parallel one, having one fixed jaw, A, mounted on the end of a slide-bed, B, for operation in connection with a movable jaw, adjustable by a screw from its rear side, and having a straight parallel movement toward or from its fellow jaw by a slide arranged to work within a longitudinal grooved way in the bed B, which form of vise, being well understood, it is not necessary here to more minutely refer to, the movable jaw of the vise being represented in part by dotted lines in Fig. 1.

C is the stationary jaw of the attachment which secures the vise to the rim D of a wagon

or other wheel, and C' the movable jaw thereof. The fixed jaw C is fastened by bolts *b b* to the under side of flanges on the one end of the bed B, and is here represented as having an attached anvil, E. The movable jaw C' of the attachment is provided with arms extending upward on opposite sides of the bed B, and is constructed to slide thereon or along, being provided with upper clips, *c c*, which hold the jaw on the bed. These jaws C C' are each constructed with beveled or sloping lower clamping faces or projections *d d* on their inner sides, to secure an under grip of the jaws on the rim of the wheel as the adjustable jaw C' is drawn toward the fixed jaw C by means of a swiveling screw-bolt, G, pivoted to ears, as at *e*, on the under side of the fixed jaw C, and a thumb-nut, H, on the screw-threaded end of said bolt, and arranged to bear against the backs of ears *f* on the under side of the movable jaw C'. The beveled projections *d d* on said jaws C C' serve to readily adjust the attachment to different thicknesses and widths of wheel-rims, and, as they are tightened up on opposite sides of the rim by the action of the screw G and nut H, to draw down the vise tightly to its place on the rim.

By slackening the thumb-nut H, the bolt G may be dropped out of the way and the movable jaw C be slid from off the bed B. When the adjustable jaw C' is removed, then the vise may be readily attached, if desired, to a bench or table by placing it on the bench or table with the fixed jaw C bearing up against the same, and passing a holding-down bolt through a hole, *g*, in the bed B and corresponding hole in the bench or table.

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

1. The fixed jaw C on the under side of the vise, in combination with the adjustable jaw C', arranged to slide on or along the bed of the vise, and the pivoted bolt G, with its nut H, for adjustment of the one jaw relatively to the other, substantially as and for the purpose herein set forth.

2. In combination with the vise, the fixed jaw C on the under side thereof, constructed with a beveled inner face or projection, *d*, and



adjustable sliding jaw C', having a reversely-beveled inner face or projection, *d*, in combination with means for adjusting the movable jaw, and whereby the vise is drawn down and  
5 firmly locked to its place, essentially as described.

3. The reversely-beveled fixed jaw C and adjustable jaw C' of the vise-holding attachment, constructed for operation as described,

in combination with the pivoted adjusting io screw-bolt G and its thumb-screw H, applied to said jaws, substantially as and for the purposes specified.

CHARLES H. EDDY.

Witnesses:

GUSTAVE S. BAKER,  
T. J. SEARLS.