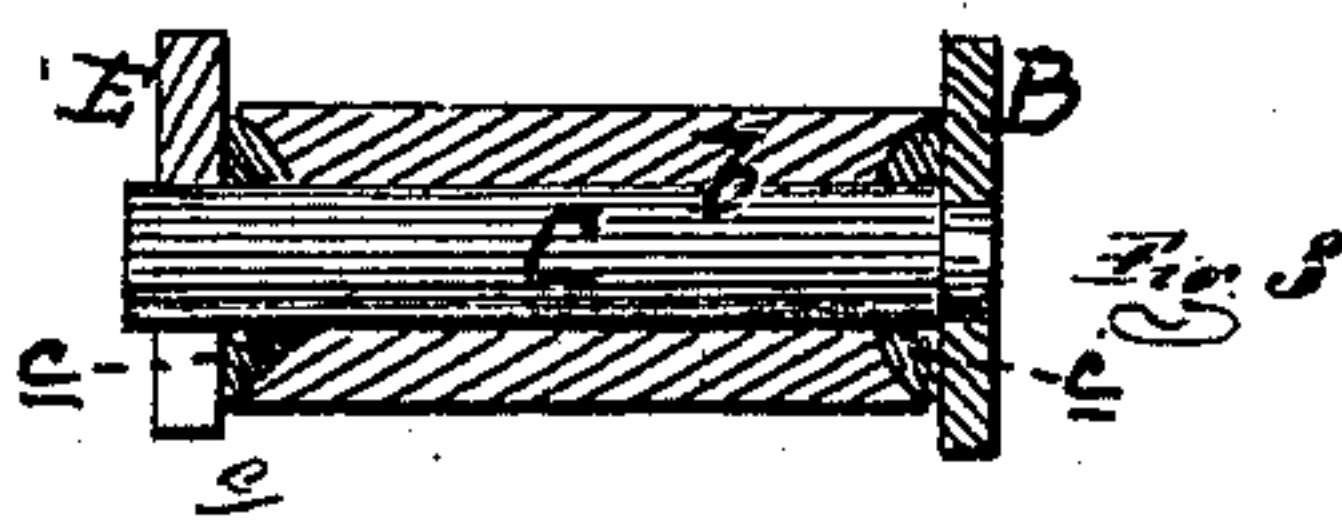
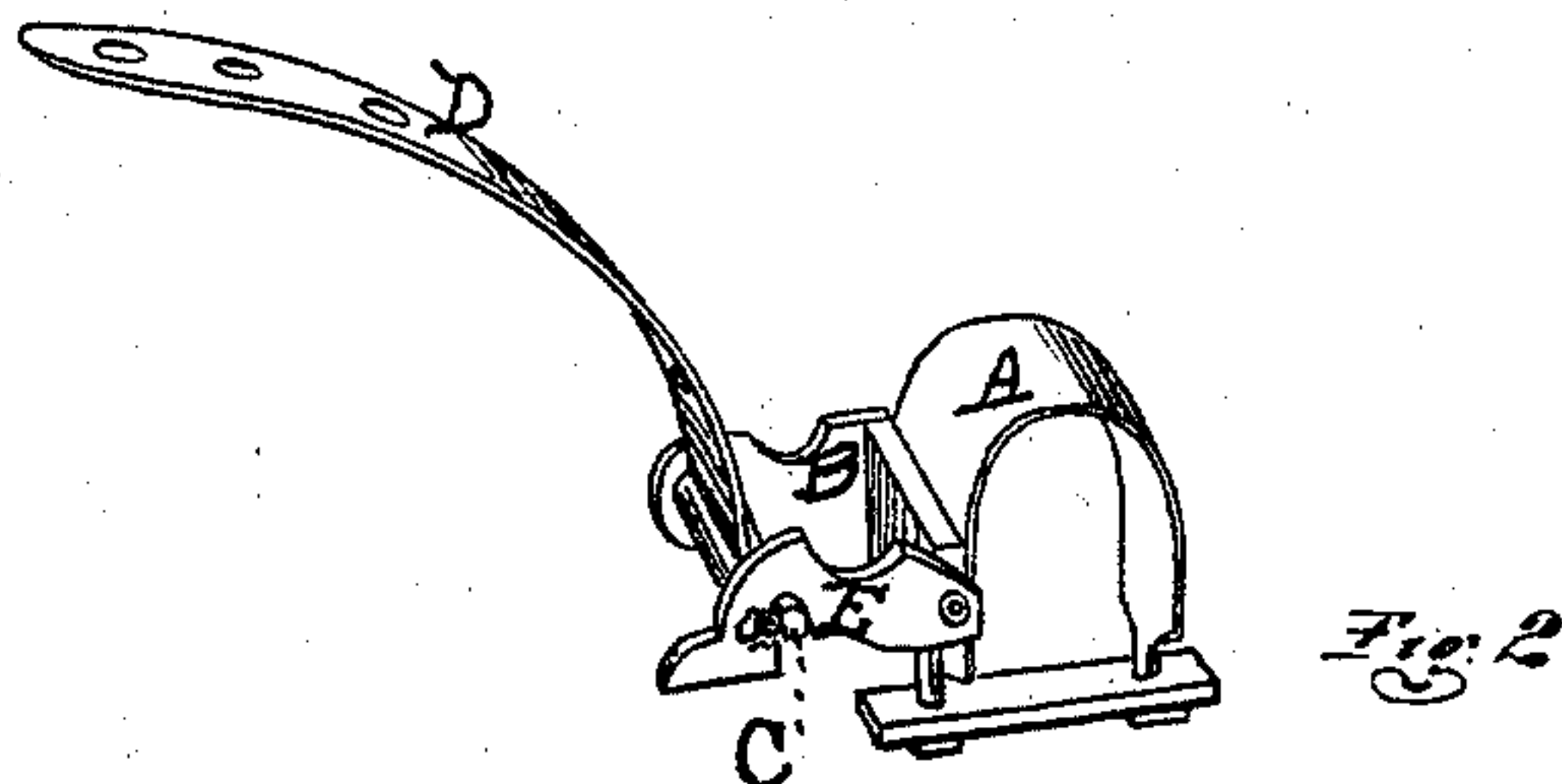
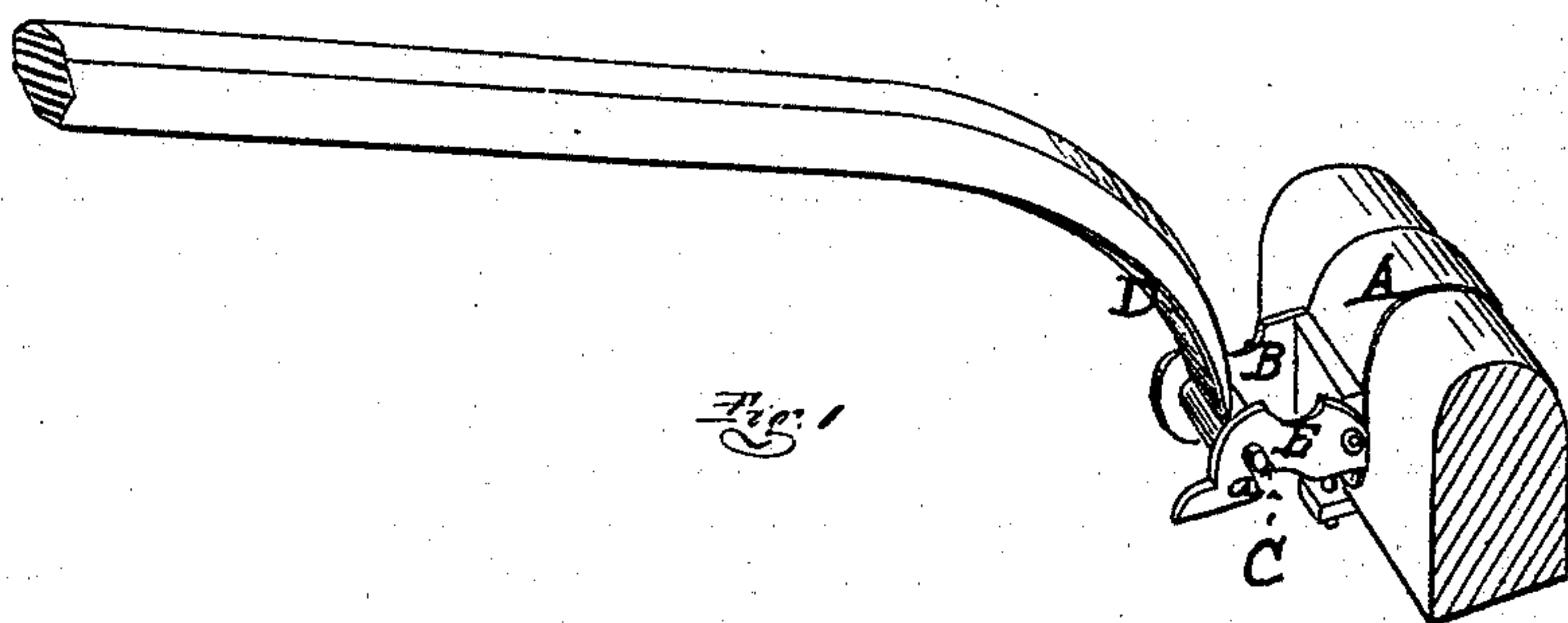


EDWARD BATWELL.

Improvement in Thill Coupling.

No. 122,213.

Patented Dec. 26, 1871.



ATTEST:

Myron H. Church -  
C. F. Terrell

INVENTOR.

Edward Batwell  
per Atty  
Thos. S. Synge

# UNITED STATES PATENT OFFICE.

EDWARD BATWELL, OF YPSILANTI, MICHIGAN.

## IMPROVEMENT IN THILL-COUPLING.

Specification forming part of Letters Patent No. 122,213, dated December 26, 1871.

*To whom it may concern:*

Be it known that I, EDWARD BATWELL, of Ypsilanti, in the county of Washtenaw and State of Michigan, have invented a new and useful Improvement in Shaft-Couplings for Wheeled Vehicles; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and being a part of this specification, in which—

Figure 1 shows my invention in perspective secured to a section of axle and shaft. Fig. 2 is a like view of the same detached. Fig. 3 is a cross-section on the line *x x*, Fig. 2.

Like letters refer to like parts in each figure.

This invention has for its object the construction of a device to facilitate the removal of shafts and the ready adjustment of a pole, and the decrease of noise and rattle when the iron becomes worn, by attaching the packing to the side of the shaft-iron instead of placing the packing in the rear and between the shaft-iron and clip or axle.

In the accompanying drawing, A represents a clip provided with a rigid jaw, B, secured thereto, and projecting forward at right angles with

the clip. C is a rigid draft-pin attached at one of its ends to the jaw B, and upon this pin the shaft-iron D works. E is a latch-jaw, the rear end of which is pivoted to the opposite side of the clip, and is provided with a notch or slot, *a*, which is designed to engage with the unattached end of the draft-pin. D is the shaft-iron made in the usual way, except that each end of the socket *b*, which works on the draft-pin, is countersunk, as shown, to receive suitable leather or other packing, *c*.

The operation of this device is so simple that a further description thereof in this connection is deemed unnecessary.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the rigid jaw B, provided with a rigid draft-pin, C, with the latch-jaw E, shaft-iron D, and packing *c*, all arranged relative to each other and to the clip A, substantially as and for the purpose set forth.

EDWARD BATWELL.

Witnesses:

HARRY S. SPRAGUE,  
MYRON H. CHURCH.

(31)