

J. JACOBS.

Neck Yoke.

No. 97,197.

Patented Nov. 23, 1869.

Fig 1

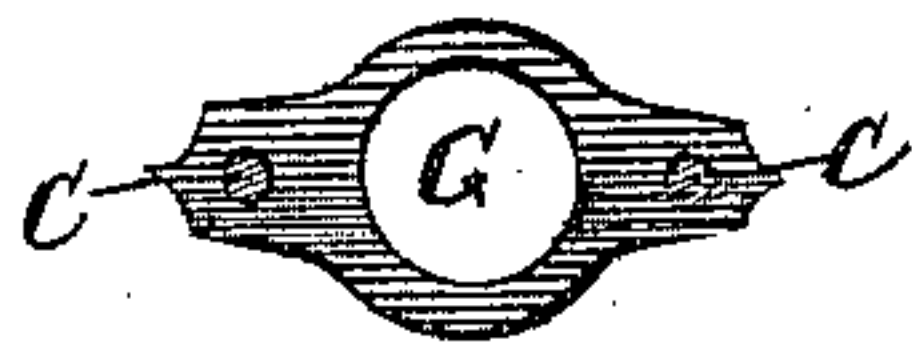


Fig. 2.

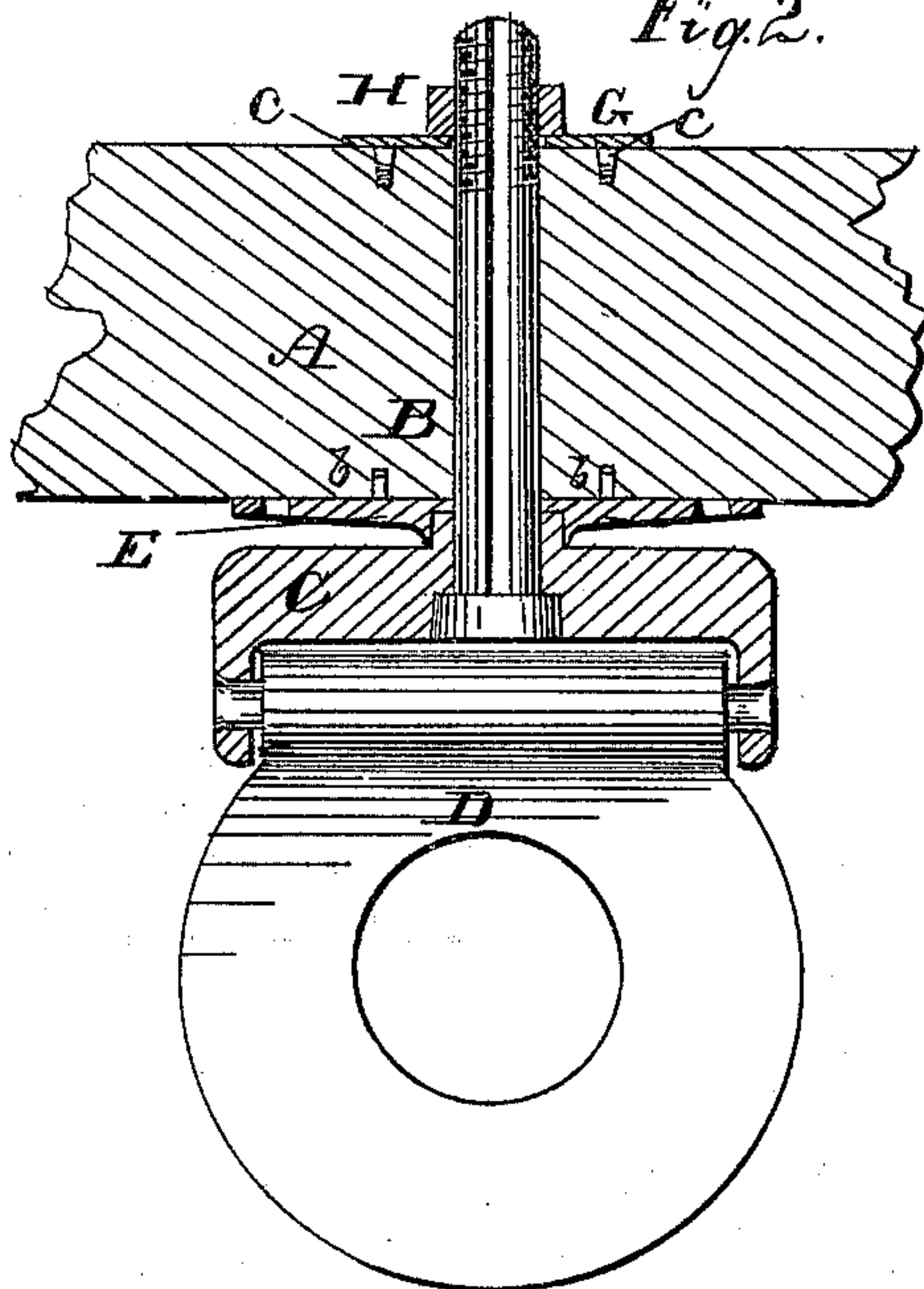
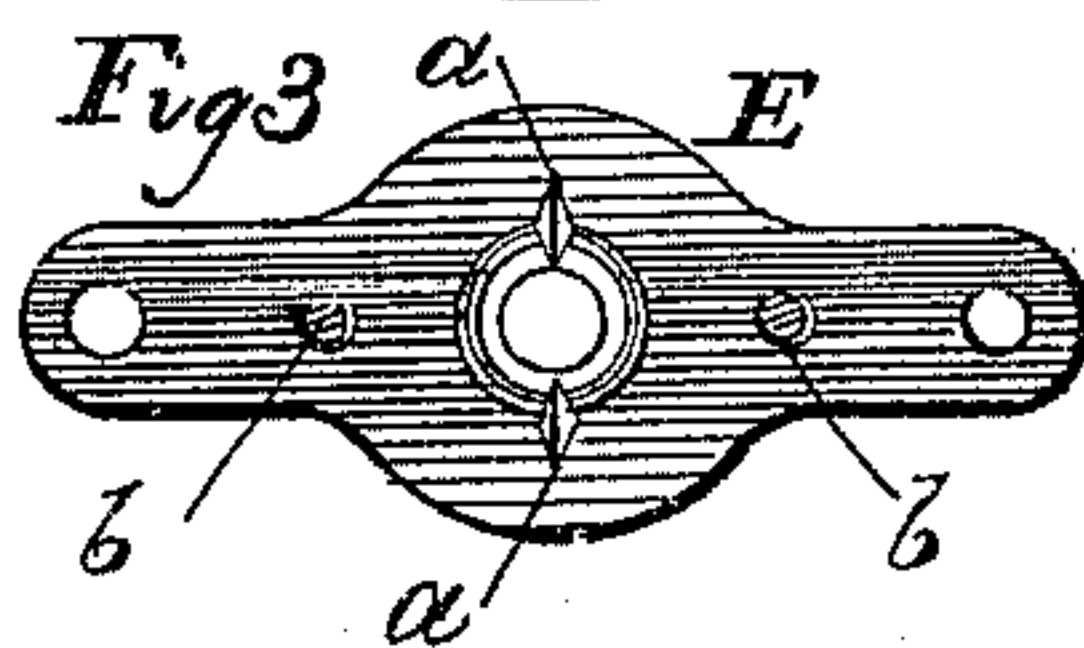


Fig 3



WITNESSES

C. L. Ever
A. T. Harr

INVENTOR

John Jacobs
Alexander Mason

Atty

United States Patent Office.

JOHN JACOBS, OF ONEIDA, ILLINOIS.

Letters Patent No. 97,197, dated November 23, 1869.

IMPROVED NECK-YOKE.

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, JOHN JACOBS, of Oneida, in the county of Knox, and in the State of Illinois, have invented certain new and useful Improvements in Neck-Yoke; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the manner of fastening the leather holdback to the neck-yoke, and in the construction of the devices by means of which such fastening is accomplished.

In order to enable others skilled in the art to which my invention appertains, to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, which form a part of this specification, and in which—

Figure 1 is a bottom view of a plate secured on the upper side of the yoke;

Figure 2 is a front view, part in section, of the neck-yoke; and

Figure 3 is a plan view of a plate secured on the lower side of the yoke.

A represents the yoke, through the centre of which a bolt, B, is passed from below.

Around the bolt B, resting on the bolt-head, is a clip or bent bar, C, between the ends of which the leather holdback D is attached.

The bolt B is cut with one or more longitudinal grooves, as seen in fig. 2, and on the under side of the yoke A, above the clip C, and around the bolt, is placed

a plate, E, which is provided with one or more lugs or projections, *a*, which fit in the longitudinal grooves on the bolt.

This plate, or washer, E, is also provided with pins *b*, which fit in holes in the under side of the yoke.

The plate is also secured to the yoke by screws, and, by means of the lugs *a a*, in the grooves on the bolt, will prevent the bolt from turning in the yoke.

On the upper side of the yoke, around the bolt B, is another plate or washer G, provided with pins *c c*, which are inserted in the upper side of the yoke. The bolt B is then secured by the nut H.

Having thus fully described my invention,

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

1. The longitudinally-grooved bolt B, provided with the clip C, in which the leather holdback D is secured, substantially as shown and described.

2. The plate, or washer E, provided with lugs, or projections *a a*, and pins *b b*, substantially as and for the purposes herein set forth.

3. The combination and arrangement of the yoke A, bolt B, clip C, holdback D, plates or washers E G, and nut H, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand, this 31st day of December, 1868.

JOHN JACOBS.

Witnesses:

D. R. DRENKEL,
R. VORIS.