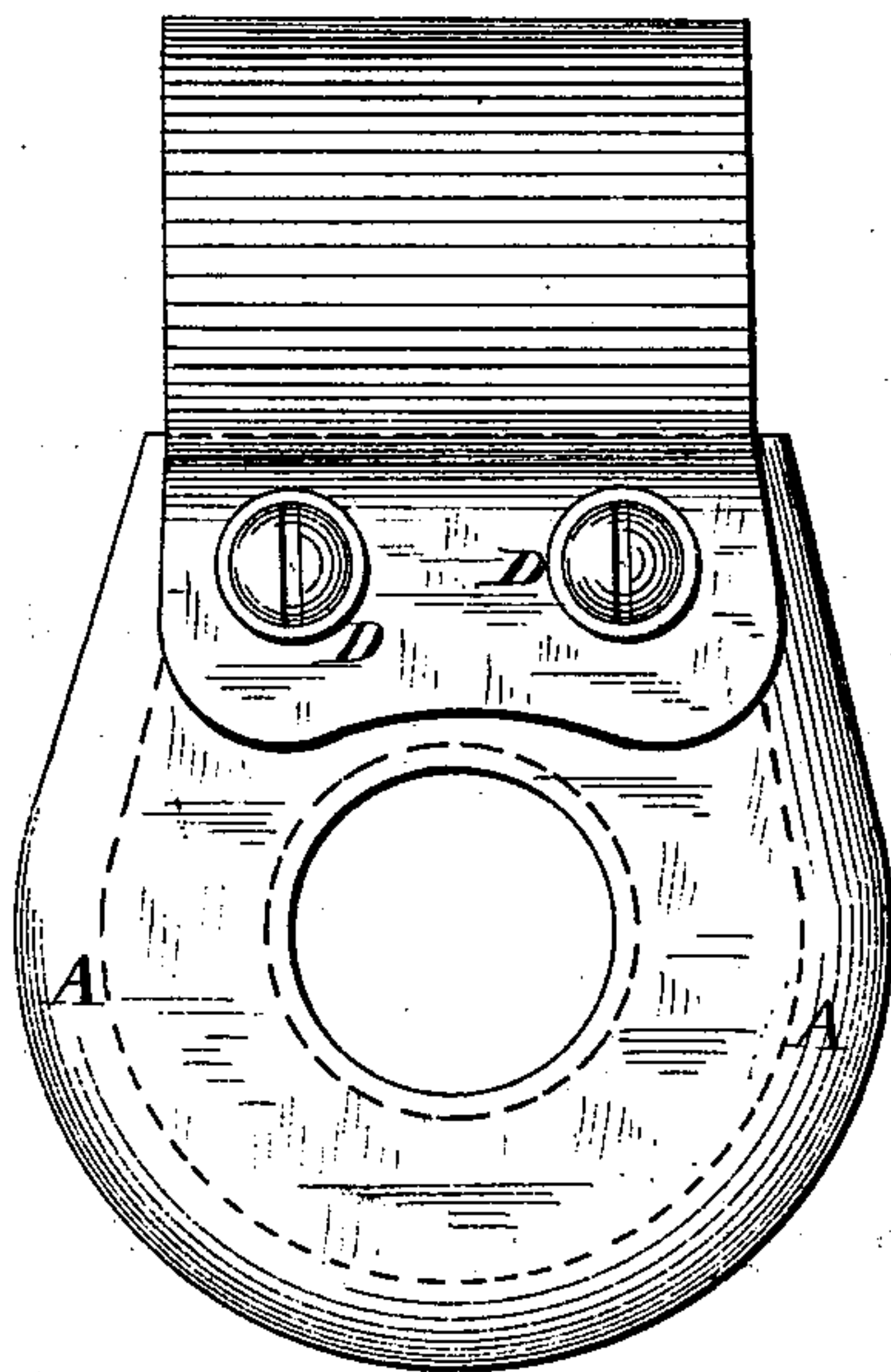


E. & J. C. COVERT.  
Neck Yoke Leather.

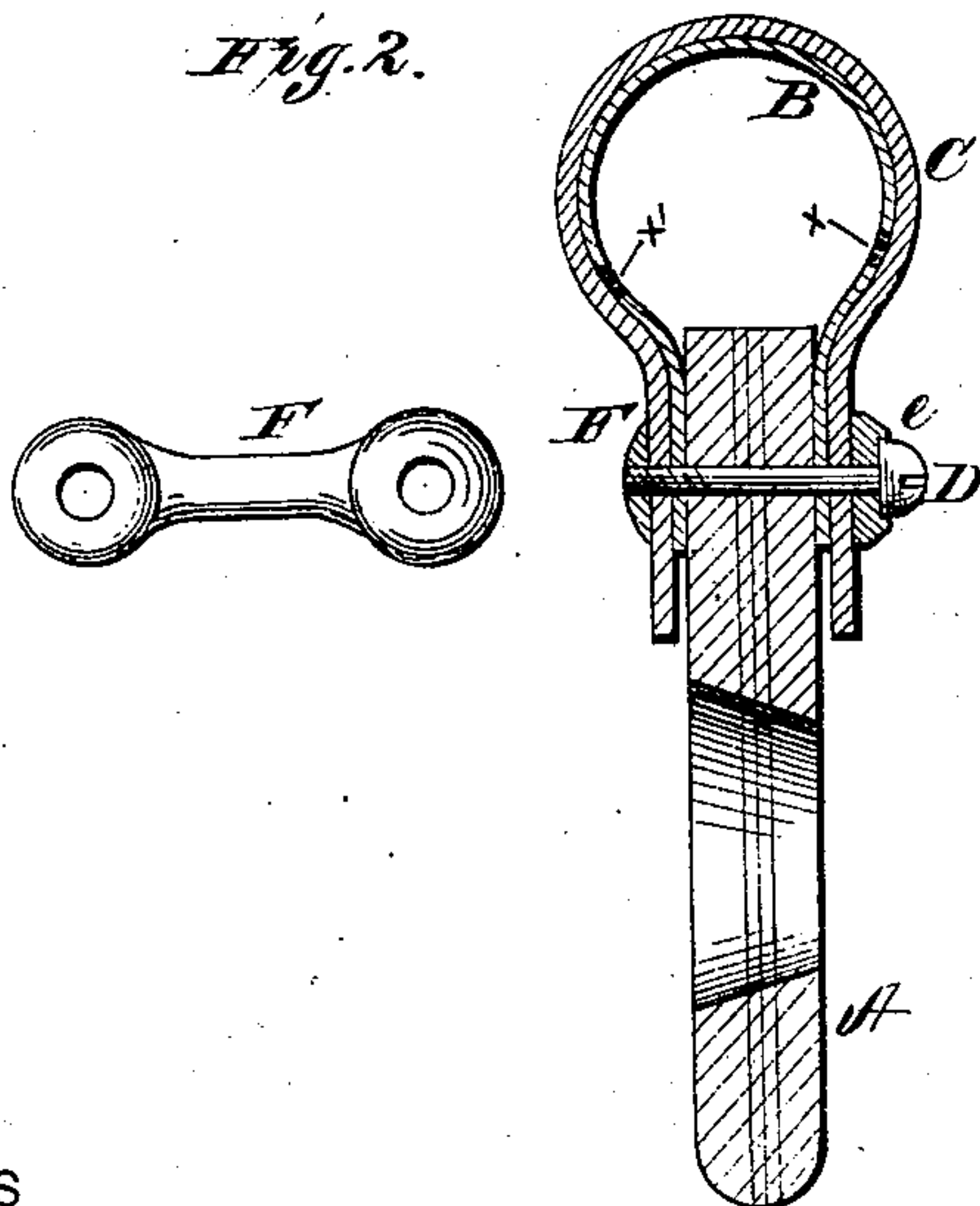
No. 231,012.

Patented Aug. 10, 1880.

*Fig. 1.*



*Fig. 2.*



WITNESSES

*F. L. Curand*  
*Frank Galt*

INVENTOR

*Enoch Covert*  
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# UNITED STATES PATENT OFFICE.

ENOCH COVERT AND JAMES C. COVERT, OF FARMER VILLAGE, NEW YORK.

## NECK-YOKE LEATHER.

SPECIFICATION forming part of Letters Patent No. 231,012, dated August 10, 1880.

Application filed October 20, 1877.

*To all whom it may concern:*

Be it known that we, ENOCH COVERT and JAMES C. COVERT, of Farmer Village, in the county of Seneca, and in the State of New York, have invented certain new and useful Improvements in Neck-Yoke Leathers; and we 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, making a part of this specification.

The nature of our invention consists in the construction of a neck-yoke leather, substantially in the manner hereinafter described.

To enable those skilled in the art to make and use our invention, we will now proceed to describe its construction and operation.

In the accompanying drawings, making part of this specification, Figure 1 represents a side view, and Fig. 2 a section, as also a detached view, of the clamp and nut bar.

In the figures, A represents the usual neck-yoke leather, made of several thicknesses, and provided with a hole through which the end of the pole passes.

B represents a piece of heavy galvanized sheet metal, which is bent to surround the center of the neck-yoke, and is provided near its ends with holes, through which screws or bolts pass to secure it to the leather A. This piece of galvanized iron is covered neatly with leather C, as represented, which said leather is also provided with holes to correspond with those in the iron B.

D D represent the screws or bolts which connect or secure the iron and leather covering to the leather A. The heads of these bolts rest in a countersunk washer, *e*.

F represents a metal bar or double nut, which is provided with two holes, in which are cut screw-threads. This metal bar serves not only as nuts for the screws or bolts, but also

serves to clamp the parts between the bolts, as is readily perceived, thus making a strong fastening, and one which cannot swerve or get out of place, as would often be the case where two separate nuts are used on the bolts.

*e* represents a washer under the head of each bolt on the outside of the leather C. These washers are used in large neck-yokes to give a greater bearing-surface where heavy pressure is had.

The use of the iron prevents the leather which surrounds it from cracking or stretching and becoming loose from the yoke. The leather around the iron gives finish and at the same time protection and strength to the iron.

*x x'* represent holes or openings in the metal strap B. Through one of these openings is passed a screw for the purpose of securing the neck-yoke leather to the yoke itself. This prevents the leather from turning upon the yoke. A screw is passed through the other opening for the purpose of securing one end of a strap to the neck-yoke leather. The other end of the strap will pass to the pole for the purpose of connecting the yoke and pole together.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

In a neck-yoke leather, a pole-leather composed of one or more pieces, a metallic strap surrounded with a leather strap, the two being bound or secured to the pole-leather by means of bolts or screws and a double nut, substantially as and for the purposes herein set forth.

In testimony that we claim the foregoing we have hereunto set our hands this 16th day of October, 1877.

E. COVERT.  
J. C. COVERT.

Witnesses:

D. C. WHEELER,  
WM. H. MURPHY.