

(Model.)

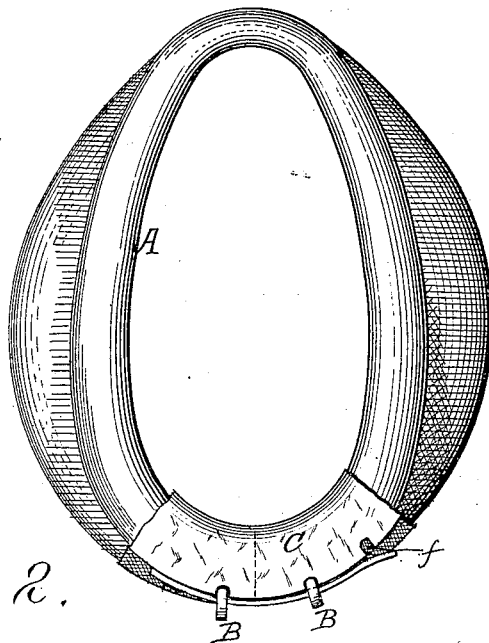
T. S. GRUBBS.

HORSE COLLAR.

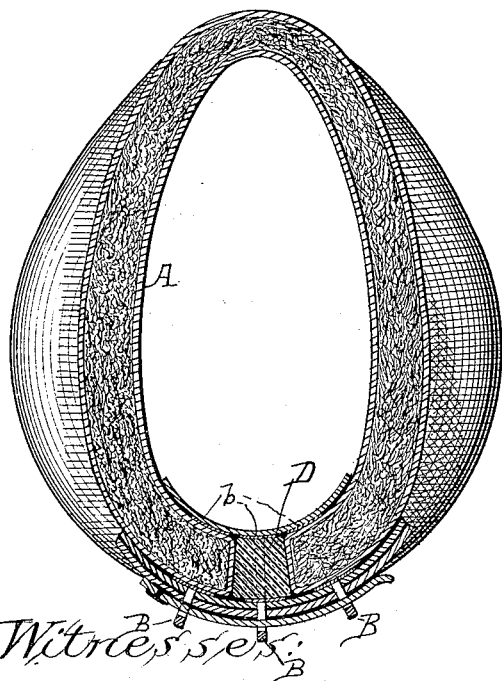
No. 263,335.

Patented Aug. 29, 1882.

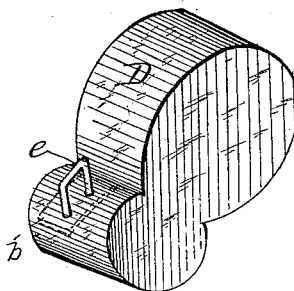
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:  
Halter Fowler,  
A. S. Kane

Inventor;  
Thomas S. Grubbs  
by E. W. Johnson  
Atty.

# UNITED STATES PATENT OFFICE.

THOMAS S. GRUBBS, OF NORTH LEWISBURG, OHIO.

## HORSE-COLLAR.

SPECIFICATION forming part of Letters Patent No. 263,335, dated August 29, 1882.

Application filed June 17, 1882. (Model.)

*To all whom it may concern:*

Be it known that I, THOMAS S. GRUBBS, a citizen of the United States of America, residing at North Lewisburg, in the county of Cham-  
paign and State of Ohio, have invented certain  
new and useful Improvements in Horse-Collars, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to improvements in a horse-collar; and the objects are to adapt the collar to fit horses' necks of different sizes, and to secure a permanent smooth top, and avoid injuring the withers.

My invention consists in the combination, with a horse-collar, of one or more adjustable blocks or pieces, a sheath, and fastening means.

My invention further consists in the novel construction and combination of parts, as will be hereinafter more fully set forth.

In the annexed drawings, forming a part of this specification, Figure 1 is a front view of a horse-collar with my improvements applied. Fig. 2 is a vertical sectional view of the same. Fig. 3 is a view of the movable block.

The letter A represents a horse-collar open at the bottom and closed at the top, so as to present a smooth and even surface. The lower or meeting ends of the collar are provided with staples B, suitably secured to the collar, so as to secure a firm hold. This may be accomplished in some cases by passing the prongs of the staple through the collar and riveting them upon a plate, *b*, arranged upon the inner surface of the collar. To one end of the collar is attached, by sewing or otherwise, a sheath, C, made of leather or similar material. This sheath should be of a length to cover the opposite end of the collar and one or more interposed adjustable blocks.

The letter D (see Fig. 3) represents a block made of suitable material and provided with a staple, *e*. The office of this block, which is

to be interposed between the lower end of the collar, is for the purpose of enlarging the collar, and it is retained in position by the sheath. That portion of the sheath extending beyond its fastening is open and the edges adapted to overlap, the said overlapping edges being provided with registering slots *f*, to pass over the staples of the collar and the interposed block. To the sheath, at its secured end, is riveted a fastening-strap, for securing the parts together after the collar has been properly adjusted to the neck of the horse.

By reference to the drawings it will be observed that the staples pass through the sheath, and, being connected to the sheath by the locking-strap, the parts are firmly held together for the purpose intended.

It is obvious that more than one of the adjustable blocks for enlarging the collar may be employed, and that in reducing the size of the collar the blocks are removed.

The advantages of a horse-collar of this construction are that a collar can be enlarged without lowering the draft on the horse's shoulders, and in securing a smooth and even surface at the top to prevent injury to the withers.

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

1. In combination with a horse-collar, one or more adjustable blocks, a sheath, and fastening means, substantially as described.

2. In combination with a horse-collar, an adjustable block, a sheath, the staples or loops, and fastening-strap arranged at the bottom of the collar, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

THOMAS S. GRUBBS.

Witnesses:

M. C. GOMEY,  
T. M. WAGNER.