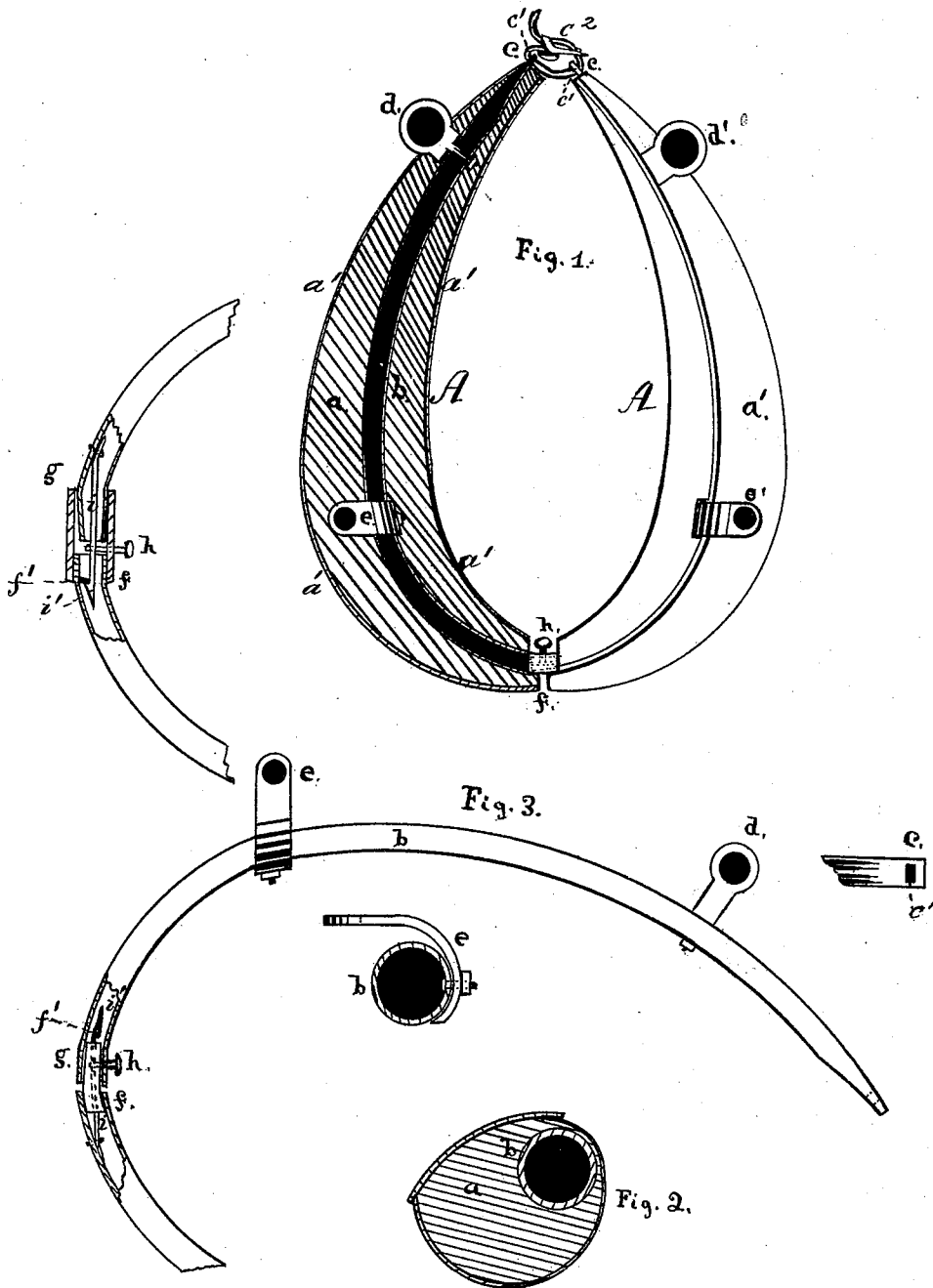


W. D. GIBBS.
HORSE-COLLAR.

No. 177,329.

Patented May 16, 1876.



Samuel J. Parker.
Saml. Love

Witnesses.

Wesley Davidson Gibbs.
Inventor.

UNITED STATES PATENT OFFICE.

WESLEY DAVIDSON GIBBS, OF ITHACA, NEW YORK.

IMPROVEMENT IN HORSE-COLLARS.

Specification forming part of Letters Patent No. **177,329**, dated May 16, 1876; application filed November 11, 1872.

To all whom it may concern:

Be it known that I, WESLEY D. GIBBS, of Ithaca, Tompkins county, New York, have invented a certain Improvement in Constructing Horse-Collars, of which the following is a specification:

My invention relates to the construction of my horse-collar, and will be apparent as I describe it.

Figure 1 is a partially sectional view of my collar; Fig. 2, a transverse sectional view; Fig. 3, a view of the tubular foundation of my collar separate from the collar.

In the figures, *b* is the tubular foundation or frame, having the rein loops or runners *d* fast to this foundation, near the upper portion of it, and the trace-hooks *e* fast also to it at the usual distance of the trace-hooks from the bottom, and these parts *d* and *e* project through the padding *a* and its leather covering, and have attached to them the usual parts of the harness, as reins through the rein-rings and trace-connections, or the trace-hooks directly into the apertures in the trace hooks or eyes. A strap at *c* in a slot in the top of the tubular foundation of each side of the collar connects the tubular foundation or frames together, and a snap or other lock secures the tubular parts

to each other at the base of the collar. The tubular foundations or frames are first made of metal, and the leather covering is then made so far as to allow the frames to be inserted, when the upper parts are closed by stitching on the projecting ends of the frames, as represented, and the collar is then padded with straw or other material, and the aperture then left for the stuffing is stitched tightly on the projecting ends for the locking.

Thus I have a collar constructed or built on the tubular foundation, which is in the body or pad of the collar, and the collar is both collar and hame in one article.

The advantages and uses of my invention are apparent to those familiar with the art to which it appertains.

I claim—

In a horse collar, the foundation or core composed of a tubular frame, flattened at its upper end, and provided with tug-loops, and terret-rings extending through the padding, also with end fastenings, substantially as described.

WESLEY DAVIDSON GIBBS.

Witnesses:

S. J. PARKER,
SAM'L. LOVE.