

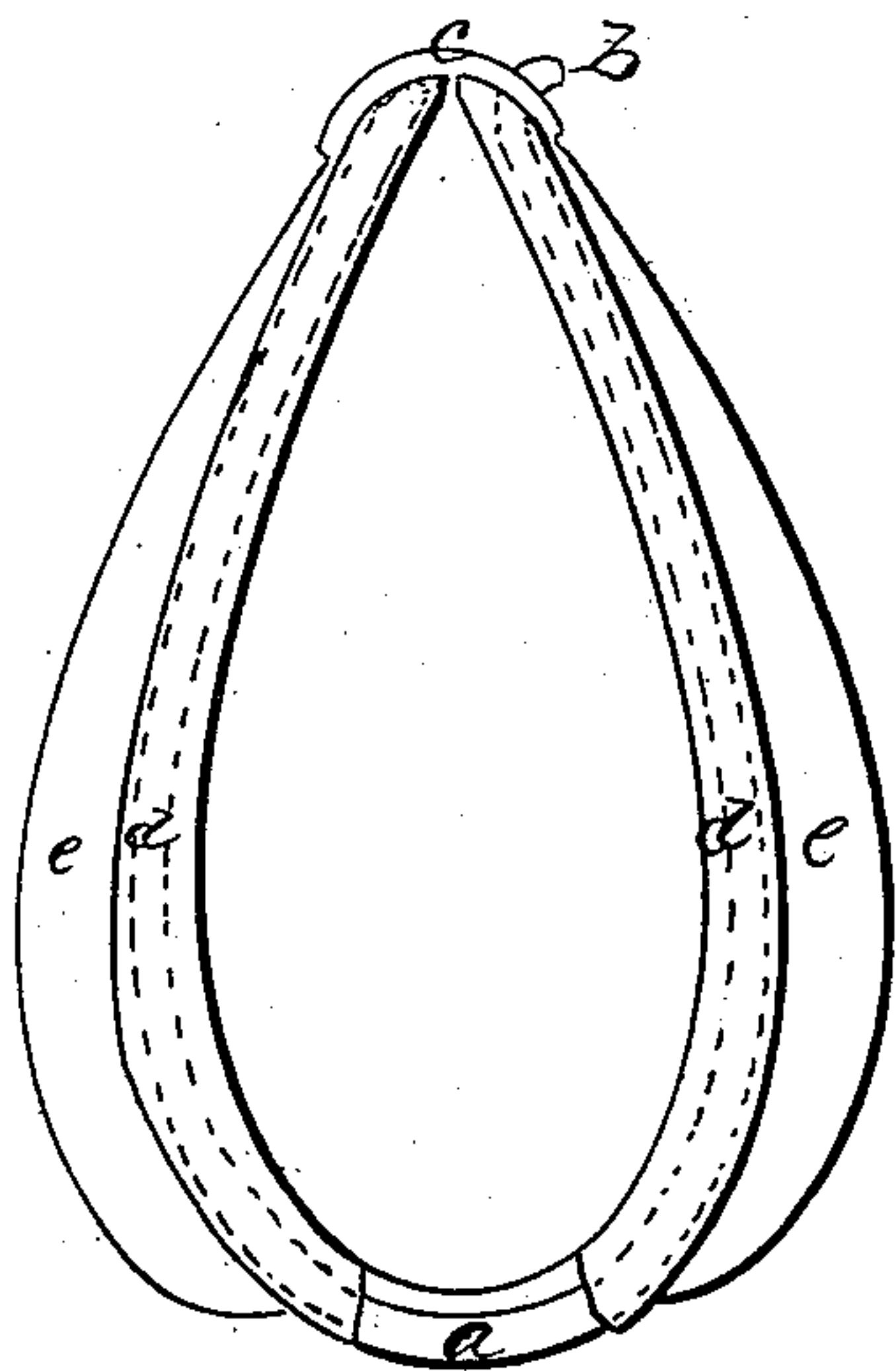
*E. Harbaugh,*

*Horse Collar,*

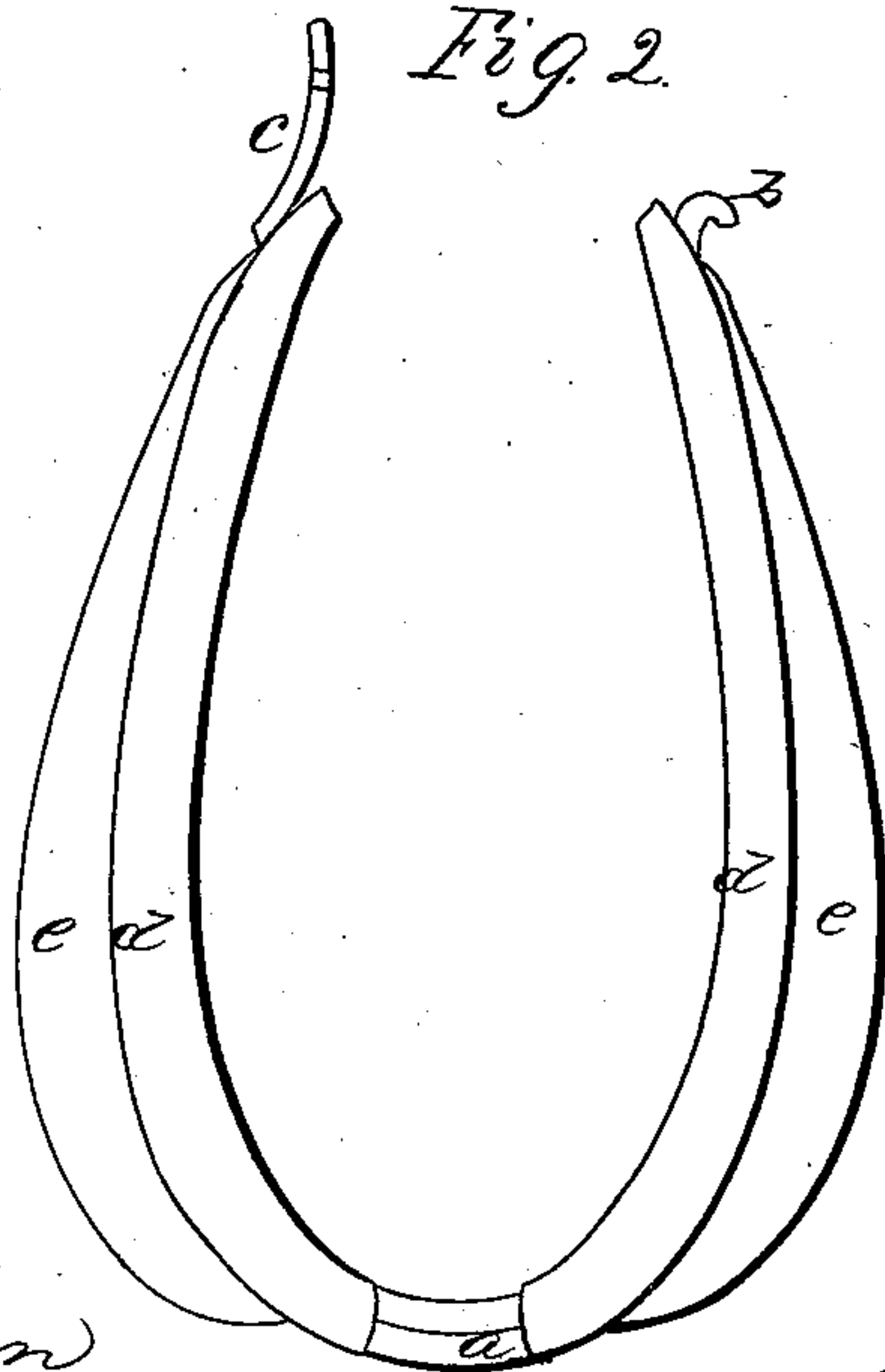
*N<sup>o</sup> 85,382.*

*Patented Dec. 29, 1868.*

*Fig. 1.*



*Fig. 2.*



*Witnesses,*

*J. E. W. Bowen*  
*Shephard Mearns*

*Inventor,*

*E. Harbaugh*  
*R. H. Marsh atty*

# UNITED STATES PATENT OFFICE.

ELI HARBAUGH, OF WASHINGTON, IOWA.

## IMPROVED FASTENING AND STRENGTHENING FOR HORSE-COLLARS.

*Specification forming part of Letters Patent No. 85,382, dated December 29, 1868.*

*To all whom it may concern:*

Be it known that I, ELI HARBAUGH, of Washington, in the county of Washington and State of Iowa, have invented a new and useful Improvement for Fastening and Strengthening Horse-Collars; and I do hereby declare the following to be a full and exact description of the same, reference being had to the drawings that accompany and form a part of this specification, in which—

Figure 1 is a perspective view of the same. Fig. 2 shows said collar when not in use.

The spring and fastening may be made of brass, steel, or iron wire, and may be applied to the collar either on the outside or inside, as will appear by letters following, to wit:

Letter *a* shows the wire at bottom of col-

lar, which strengthens it, and continues to the top of the collar, and forms the hook *b* by which it is fastened by strap *c*. *d d* is the rim of the collar, through which the wire passes. *e e* shows the pad of the collar.

I claim as my invention—

The wire spring *a* and hook on the upper end thereof, (marked *b* in said drawing,) for the purpose of securing the collar on the horse while in use.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ELI HARBAUGH.

Witnesses:

JOHN H. HOLDEN,  
D. T. MOORE.