

(No Model.)

I. BERGMAN.
HORSE COLLAR.

No. 354,377.

Patented Dec. 14, 1886.

Fig. 1.

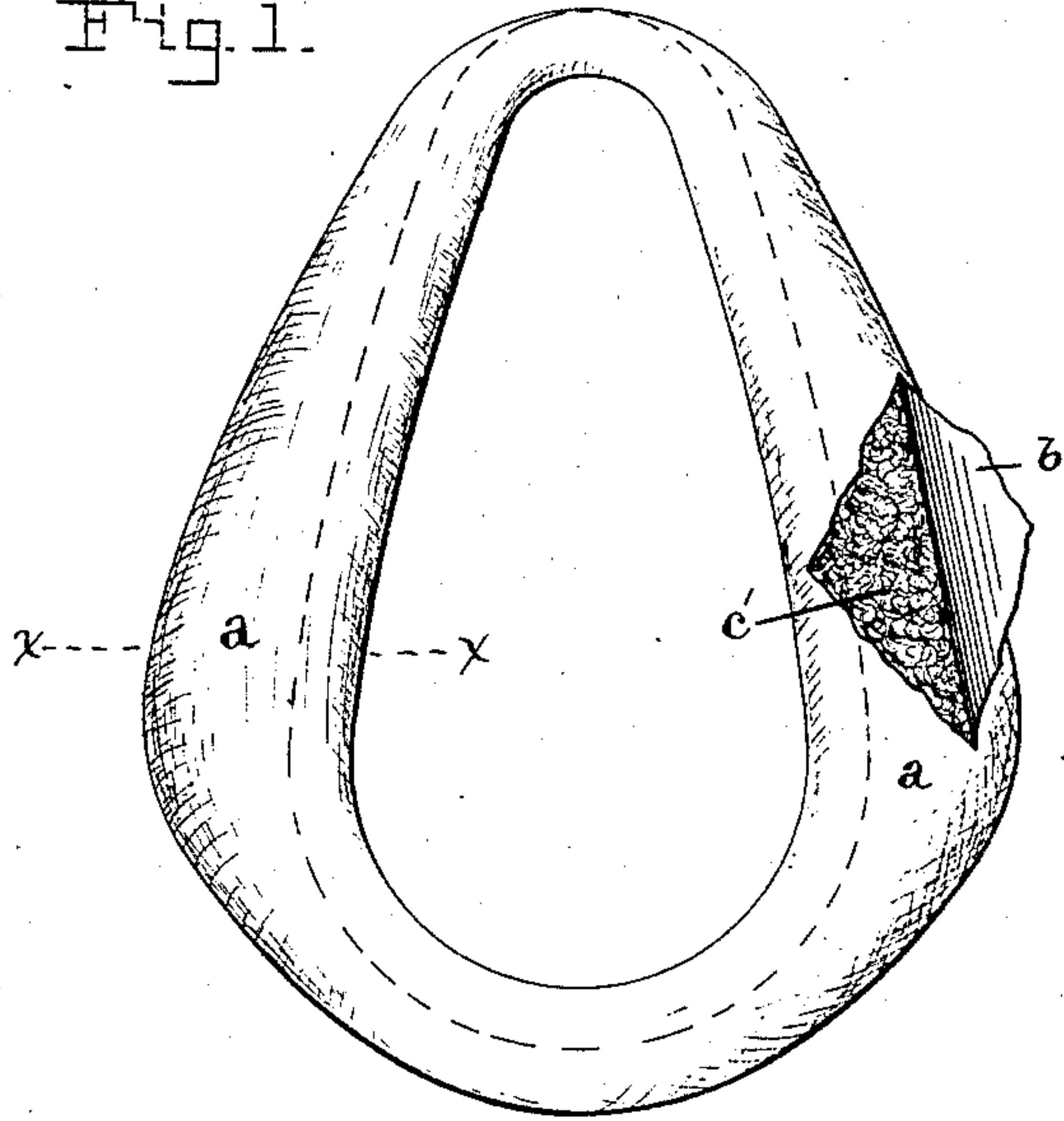
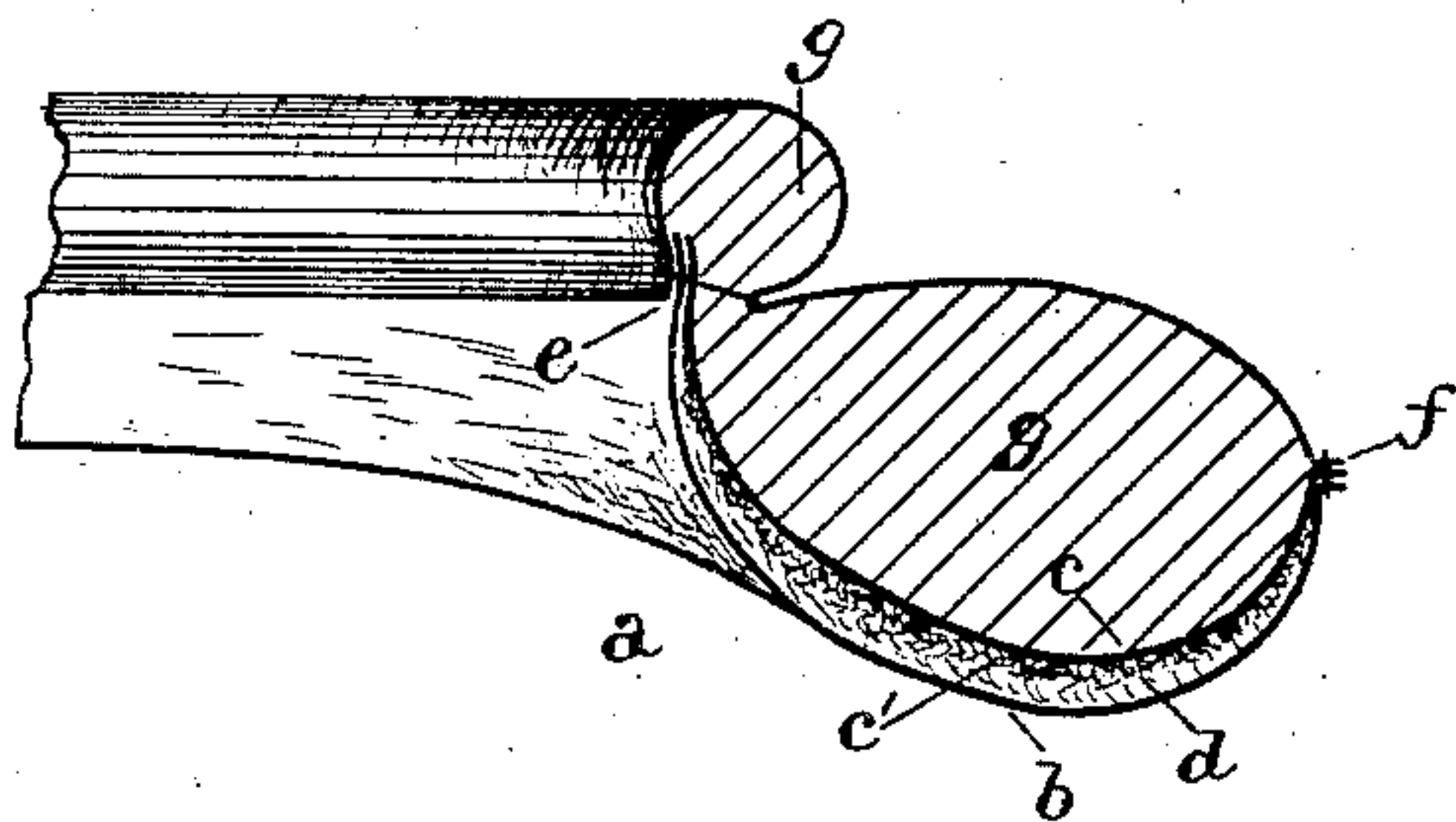


Fig. 2.



WITNESSES:

A. C. Eader

John E. Morris

INVENTOR:

Isaac Bergman

BY

Chas B. Mann

ATTORNEY.

UNITED STATES PATENT OFFICE,

ISAAC BERGMAN, OF BALTIMORE, MARYLAND.

HORSE-COLLAR.

SPECIFICATION forming part of Letters Patent No. 354,377, dated December 14, 1886.

Application filed October 8, 1886. Serial No. 215,734. (No model.)

To all whom it may concern:

Be it known that I, ISAAC BERGMAN, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Horse-Collars, of which the following is a specification.

My invention relates to an improved horse-collar, and has for its object to provide a collar stuffed in a better manner than those heretofore made.

The invention is illustrated in the drawings herewith, in which Figure 1 is a view of the collar, showing a portion of the face broken away to expose the improved wool pad or stuffing. Fig. 2 is a cross-section of the collar, taken on the line *x x* of Fig. 1.

The collar may be stuffed in the usual manner at *g*, and has a two-ply facing on the inner side—that is to say, the inner-face part, *a*, of the collar, which comes in contact with the shoulders of the animal, is double or has two thicknesses of material, *b* and *c*, with a space, *d*, between them. These two thicknesses are united by the seams *e* and *f* at opposite sides. My invention consists in using and applying for one of these plies or thicknesses *c* a tanned skin, having the natural wool *c'* adhering to it, and arranging the same so that the adhering wool shall occupy the space *d* between the said two thicknesses. It will thus be seen that the said space *d* between the double facing is padded

with the wool *c'*, which adheres naturally to the skin of one of the plies. This has the advantage over other stuffing heretofore used that the wool padding in the space cannot shift its position or get into bunches, but will always maintain its original position in the space. In the present instance the inner ply, *c*, is the one to which the wool adheres, and the wool is on the outer side of said ply. It is obvious, however, that the wool may be on the outer ply, *b*—that is to say, on the inner side of said outer ply—and occupy the space *d*.

While a sheep-skin with the wool adhering has been mentioned, it is obvious that the skin of certain other animals, with the natural hair or fur adhering, will answer the same purpose.

Having described my invention, I claim and desire to secure by Letters Patent of the United States—

A horse-collar having a two-ply inner-pad facing, with a space between the said plies, and one of said plies consisting of a skin having wool adhering naturally to it, the adhering wool occupying the said space between the two plies, as and for the purpose set forth.

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

ISAAC BERGMAN.

Witnesses:

JNO. T. MADDOX,
JOHN E. MORRIS.