

(No Model.)

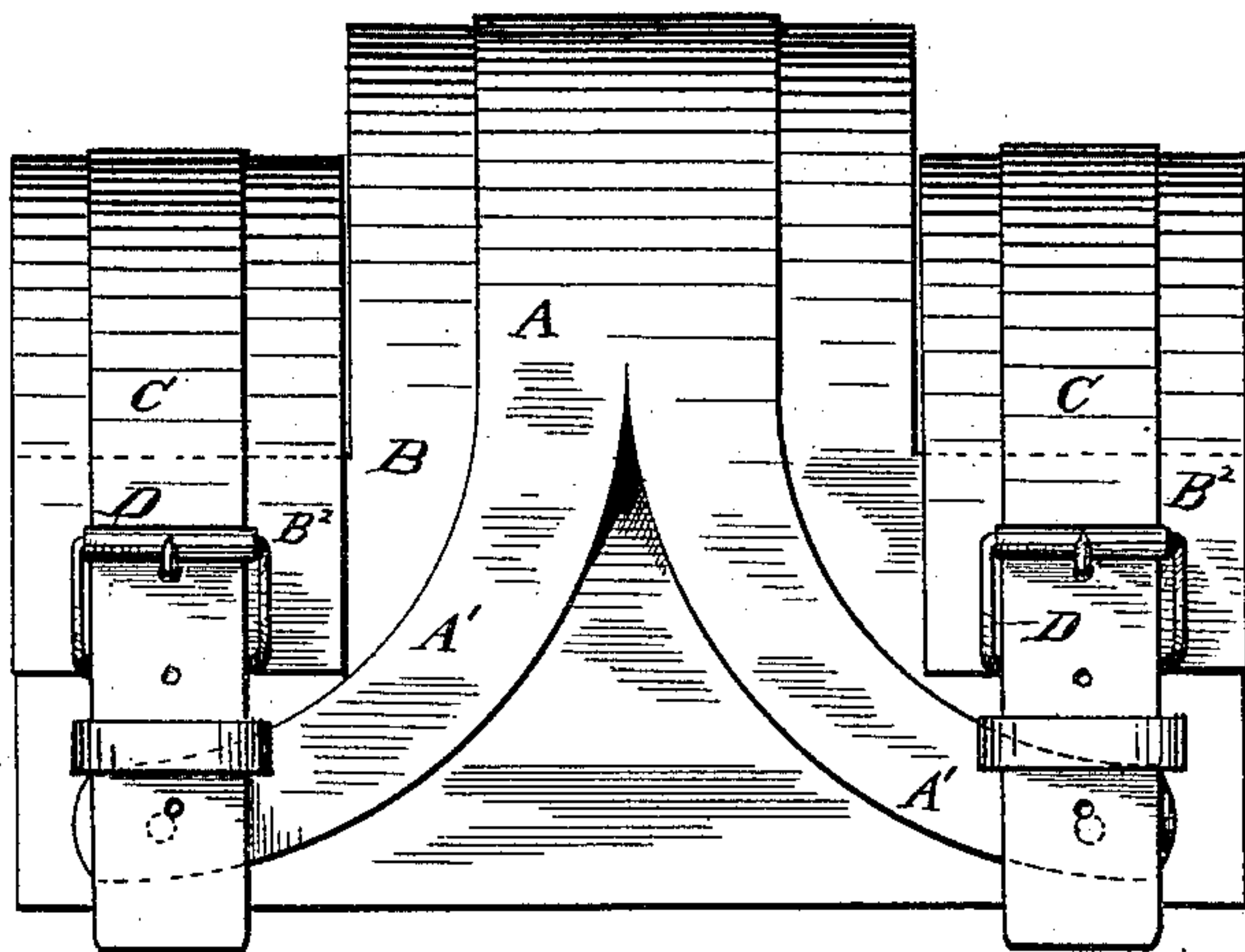
2 Sheets—Sheet 1.

F. M. LIMBAUGH.  
COLLAR PAD.

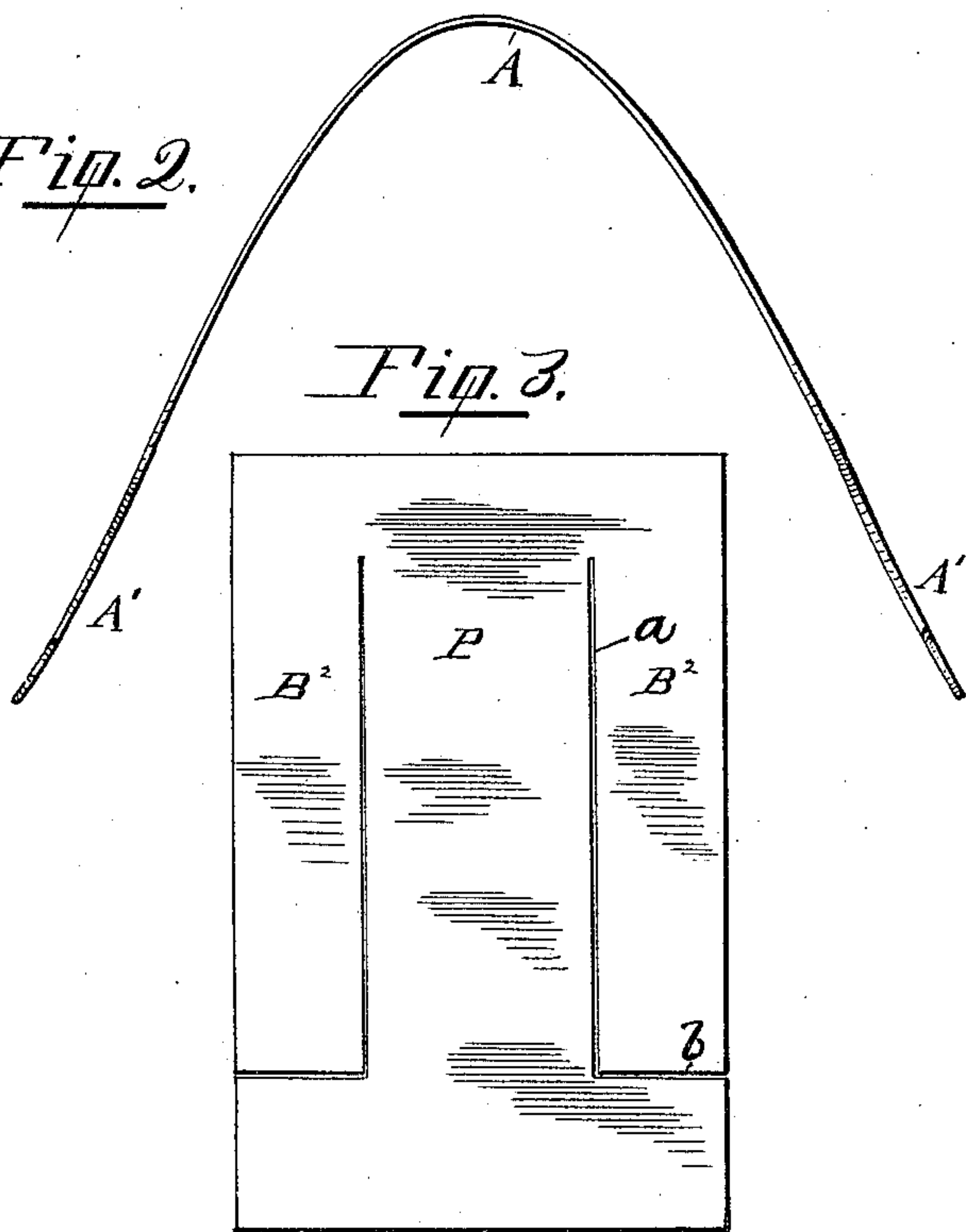
No. 444,003.

Patented Jan. 6, 1891.

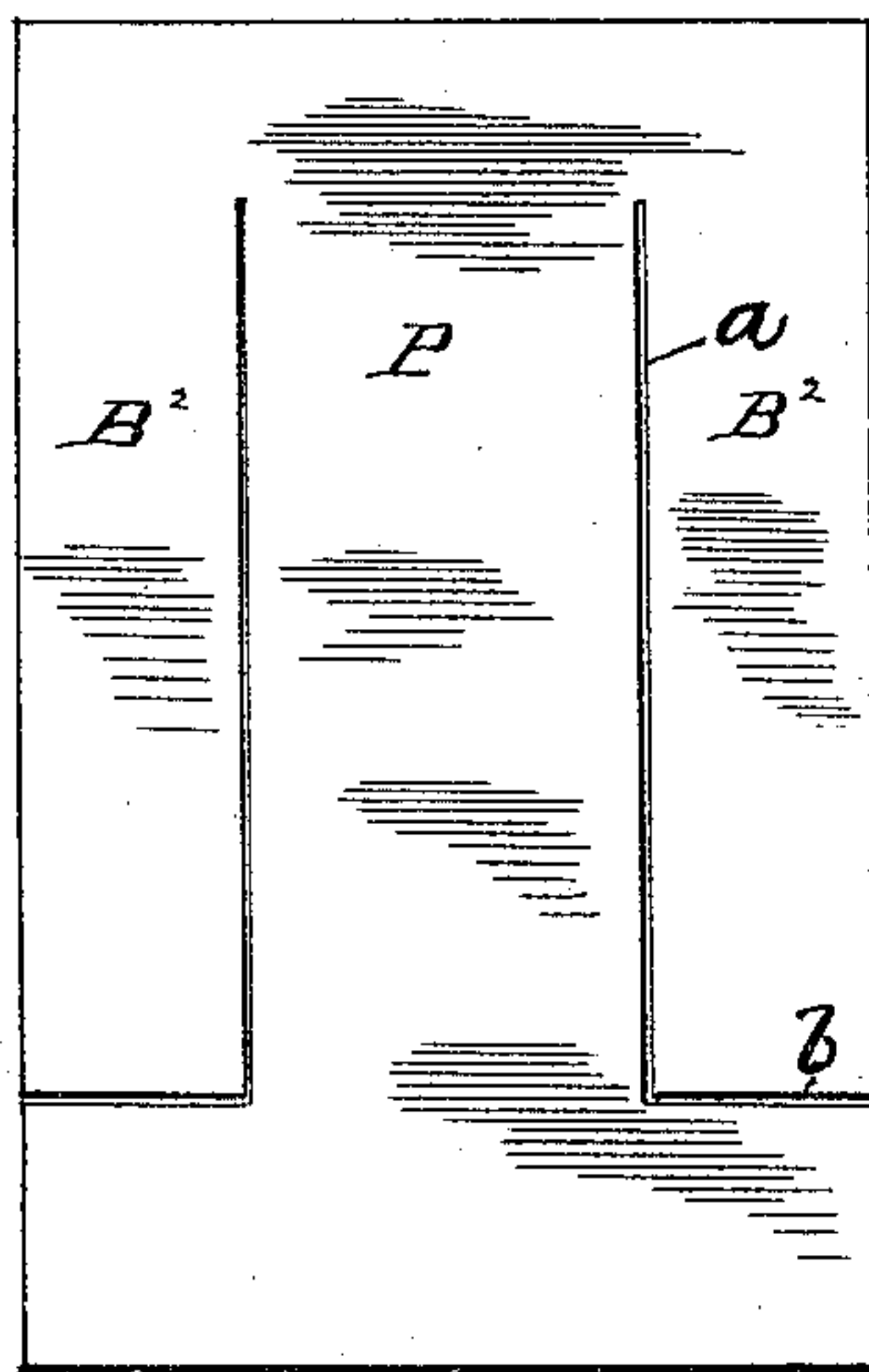
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses  
*Elmer P. Stowe,*  
*Emma E. Elliott*

Inventor  
*Francis M. Limbaugh,*  
*By Joshua B. Webster*  
Attorney

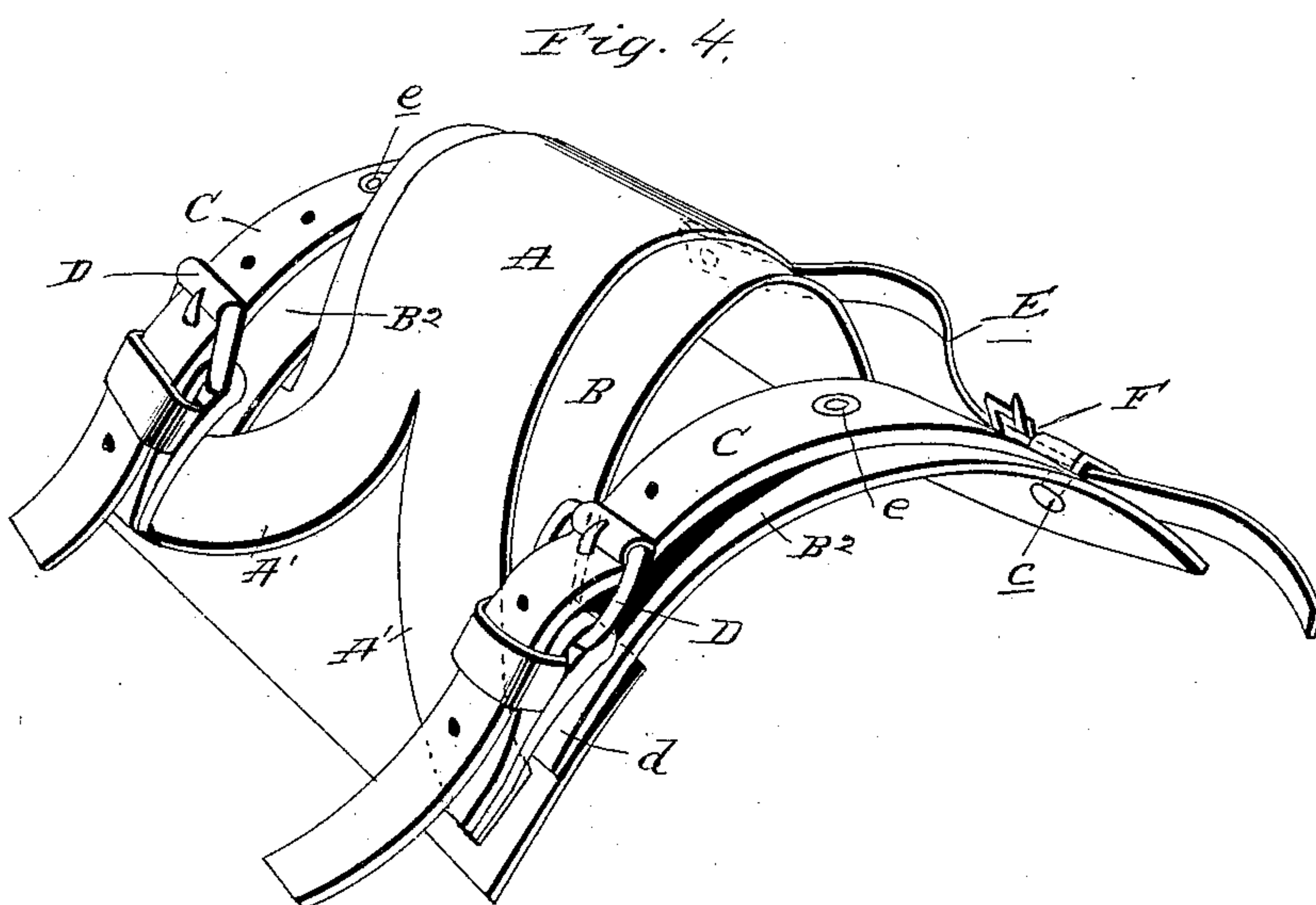
(No Model.)

2 Sheets—Sheet 2.

F. M. LIMBAUGH.  
COLLAR PAD.

No. 444,003.

Patented Jan. 6, 1891.



Witnesses  
 A. Haeder  
 T. E. Turpin

Inventor  
Francis M Simbaugh  
James J Sheehy  
Asso. - Attorney



# UNITED STATES PATENT OFFICE.

FRANCIS M. LIMBAUGH, OF WOODBRIDGE, CALIFORNIA, ASSIGNOR OF ONE-HALF TO ALLEN T. COVELL, OF SAME PLACE.

## COLLAR-PAD.

SPECIFICATION forming part of Letters Patent No. 444,003, dated January 6, 1891.

Application filed September 5, 1890. Serial No. 363,973. (No model.)

*To all whom it may concern:*

Be it known that I, FRANCIS M. LIMBAUGH, a citizen of the United States, residing at Woodbridge, in the county of San Joaquin and State of California, have invented certain new and useful Improvements in Collar-Pads; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention has relation to improvements in collar-pads, and it has for its object to ease and relieve the neck of an animal from direct contact with the head of a collar. I accomplish this object by the means shown in the accompanying drawings, in which—

Figure 1 is a side elevation of my improved pad. Fig. 2 is an edge view of the metal supporting-ridge. Fig. 3 is a plan view of the blank forming the leather base or body, and Fig. 4 is a perspective view of the pad complete.

In carrying out my invention I take a piece of leather of a sufficient length and width, as better shown in Fig. 3, and slit the same longitudinally in parallel lines, as shown at *a*, and thence transversely, as shown at *b*.

*A* indicates a ridge, which may be composed of stout sheet metal or cast-iron. This ridge is designed to give and retain shape in the pad, and has its opposite ends bifurcated in a curved manner and terminating in legs or branches *A'*. This ridge is arched, as shown, and its forked ends are riveted to the respective corners of the leather body *B*, as shown at *c*. The central portion of this leather body is retained in the shape of the ridge or metal arch *A*, and the branches *B'*, which are formed by the slits *a* and *b*, are carried across the pad at a lower altitude than the portion *B*, which lies close beneath the metal arch or ridge. It will be observed that the strips or branches *B'* have their free ends *d* lying upon the main body or leather *B* without means of securing the same, whereby said branches may be rendered vertically adjustable by straps and buckles, which will be presently described.

*C* indicates the adjusting-straps. These straps are secured at one end, by means of a rivet or the like, to the corners of the main body-strap *B*, and also to the legs or forked ends of the ridge *A*.

*D* indicates buckles. These buckles are secured to the opposite corners of the body-leather and upon the forked or bifurcated branches *A'* of the ridge, and are designed to receive the free ends of the adjusting-straps *C*. These adjusting-straps may be also secured at an intermediate point to the straps or branches *B'* by means of rivets *e*.

*E* indicates a strap, which is arranged on one side of the pad. This strap is secured at one end to one corner of the body-leather, and at the opposite corner of said leather or pad is a buckle *F*, designed to receive said strap *E*, whereby the pad may be attached to a horse-collar.

To apply the pad to a collar it is simply necessary to unbuckle the strap *E*, place the pad beneath one of the free ends of the collar, and buckle said strap tightly thereon. This will bring the pad, when the collar has been closed upon the neck of an animal, directly above the ridge or metal arch *A*, with the branches *B'* resting upon the animal.

Having described my invention, what I claim is—

The improved collar-pad herein described, comprising the leather *B*, slitted to form straps *B'*, the metal ridge *A*, having its opposite ends forked and secured at each end to the extended corners of said leather, the free ends of the straps *B'* lying upon the opposite corners of the leather, as shown, the straps *C*, secured midway of their length to the straps *B'*, and the buckles secured to the legs of the ridge and body-strap, whereby said straps *B'* are sustained at a lower altitude than the ridge and central portion of the leather, substantially as specified.

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

FRANCIS M. LIMBAUGH.

Witnesses:

JOSHUA B. WEBSTER,  
JAS. T. SUMMERVILLE.