

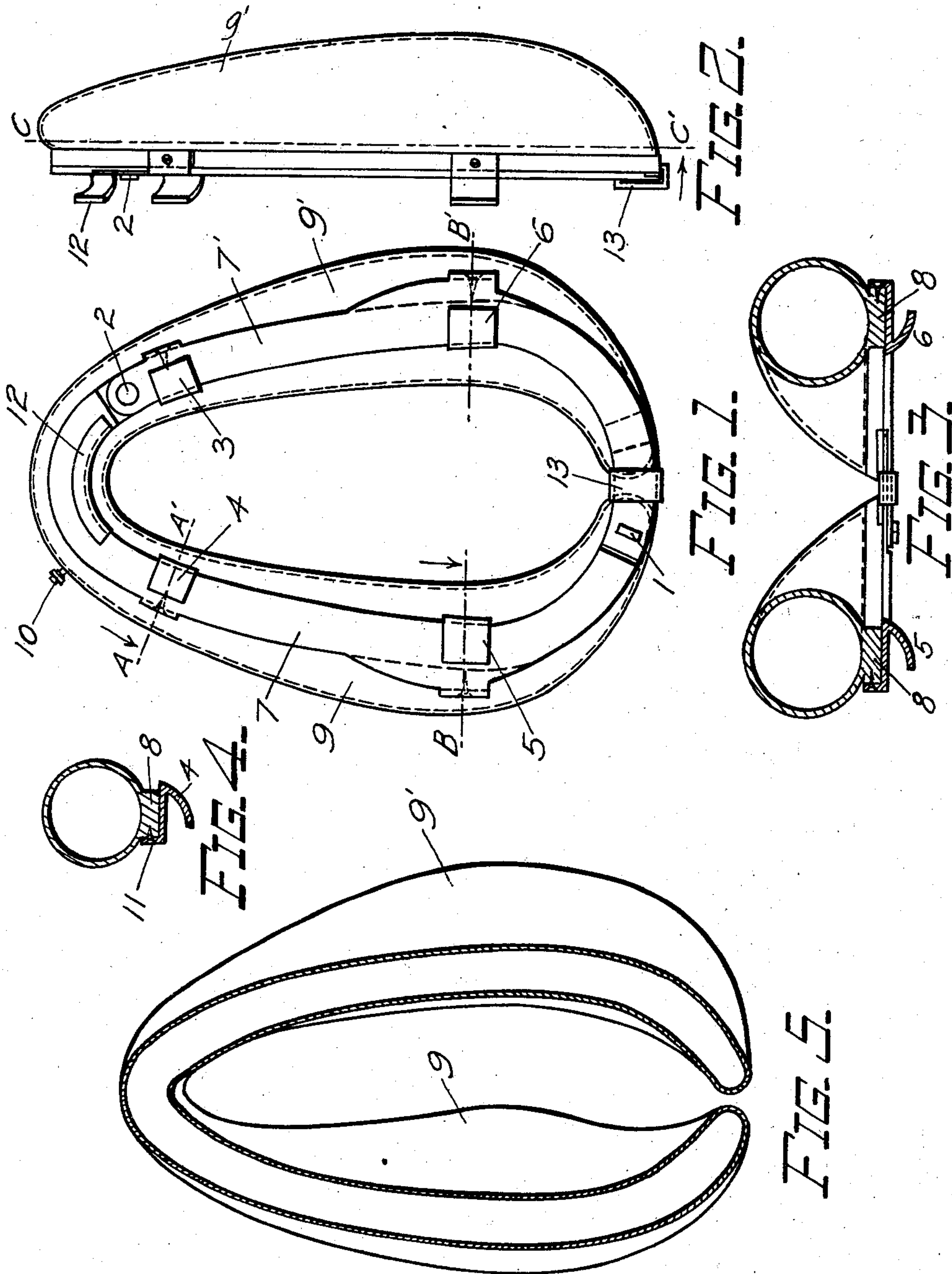
No. 751,551.

PATENTED FEB. 9, 1904.

F. A. PETT.
HORSE COLLAR.

APPLICATION FILED MAR. 24, 1903.

NO MODEL.



WITNESSES:
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FREDERICK A. PETT, OF DENVER, COLORADO.

HORSE-COLLAR.

SPECIFICATION forming part of Letters Patent No. 751,551, dated February 9, 1904.

Application filed March 24, 1903. Serial No. 149,392. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK A. PETT, a citizen of the United States, residing at No. 710 East Thirtieth avenue, in the city and county of Denver and State of Colorado, have invented a new and useful Horse-Collar, of which the following is a specification.

This invention relates to horse-collars, and particularly to that class known as "pneumatic" collars, and has for its object to provide an improved collar of such form and constructed of such parts as to create a yielding, durable, inexpensive, and perfect-fitting collar.

An important feature of the invention resides in its peculiar construction, lightness, flexibility, and simplicity of construction, whereby injury from chafing, abrading, or otherwise of the animal's neck and shoulders is practically, if not entirely, obviated.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims.

In the drawings, Figure 1 is a front elevation of the invention. Fig. 2 is a side elevation of the same. Fig. 3 is a horizontal section along the line B B' of Fig. 1. Fig. 4 is a sectional view taken on the line A A' of Fig. 1 looking in the direction indicated by the arrow. Fig. 5 is a sectional view taken on the line C C' of Fig. 2, as indicated by the arrow.

Like characters of reference designate corresponding parts in all figures of the drawings.

In one embodiment of the present invention, as shown in the drawings, the reference characters 9 9' designate the respective sides of the inflatable tube or cushion member of the collar, having the usual valve 10 and provided with a peripheral substantially rectangular-shaped enlargement or rib 8, the latter being for a purpose hereinafter explained.

As hereinbefore intimated, the inflatable cushion is mounted upon a skeleton or frame which in the present instance is made up of curved sections 7 and 7', preferably metallic and hingedly connected by a flat hinged joint, as designated by the numeral 2, with the free ends thereof fastened together by means of

the clasp 1 and slide 13, as shown in Fig. 1. Each curved section 7 and 7' of the frame has integral portions 3, 4, 5, and 6 bent upon opposite sides thereof, forming on the inner side suitable connections for the hames and upon the other side flat bearing perforate surfaces or ears for the reception of screws or other fastenings which pierce the enlargement or rib 8 of the cushion, thereby securely fastening the latter upon the frame. There is another preferably integrally-formed portion 12 at the upper inner edge of the framework, which coacts with the aforesaid integral portions to attach and secure the hames.

It will be observed that the member 7 of the frame is of greater length than the member 7', whereby the former member forms the head or resting part of the frame and by reason of which the collar is placed upon and removed from the animal's neck without breaking the joint 2 at the back of the neck to the possible injury or discomfort of the animal. It will also be seen that both sections of the frame are broadened intermediate their length, affording protection to the tube or cushion against frictional contact with the traces of the harness.

I claim—

1. In a horse-collar, the combination with an inflatable tube having an integral rib, of a hingedly-jointed, sectional frame, each section having oppositely-directed integral portions, means between the rib and alining integral portions of each section for securing the frame to the tube, and means for fastening the free ends of the frame-sections together.

2. In a horse-collar, the combination with an inflatable tube having an integral external rib, of a hingedly-jointed, sectional frame, each section having integral portions bent upon its opposite sides, means piercing the bent portions upon one side of each section of the frame and the said rib for securing the tube to the frame, and means for fastening the free ends of the frame-sections together.

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

FREDERICK A. PETT.

Witnesses:

GEO. E. RICHARDSON,
R. D. LITTLEFIELD.