

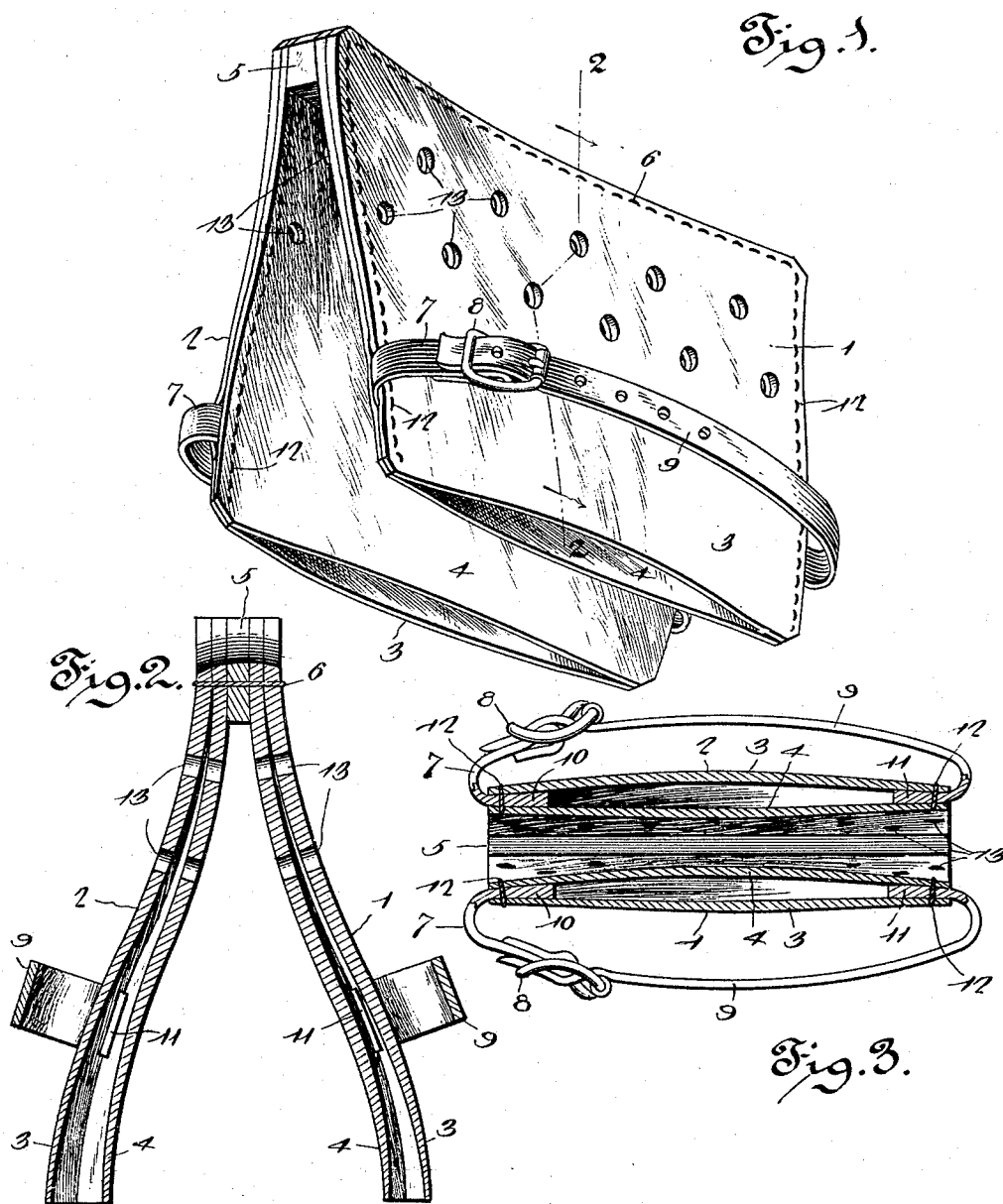
No. 638,008.

Patented Nov. 28, 1899.

F. A. DOOLITTLE.
COLLAR PAD.

(Application filed June 6, 1899.)

(No Model.)



Witnesses
J. Frank Culverwell.
Chas. E. Shepard.

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UNITED STATES PATENT OFFICE.

FREEMAN A. DOOLITTLE, OF MCINTIRE, IOWA.

COLLAR-PAD.

SPECIFICATION forming part of Letters Patent No. 638,008, dated November 28, 1899.

Application filed June 6, 1899. Serial No. 719,574. (No model.)

To all whom it may concern:

Be it known that I, FREEMAN A. DOOLITTLE, a citizen of the United States, residing at McIntire, in the county of Mitchell and State of Iowa, have invented a new and useful Harness-Collar Pad, of which the following is a specification.

This invention relates to pads for harness-collars, and has for its object to provide a ventilated device and also improved means for preventing the collar from rubbing or otherwise injuring the neck of the animal.

To these ends 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 claim, it being understood that changes in the form, proportion, size, and the minor details of construction may be made within the scope of the appended claim without departing from the spirit or sacrificing any of the advantages of the present invention.

In the drawings, Figure 1 is a perspective view of the improved pad. Fig. 2 is a transverse sectional view taken on the line 2 2 of Fig. 1. Fig. 3 is a horizontal sectional view taken in the plane of the collar-attaching loops or straps.

Corresponding parts in the several figures of the drawings are designated by like characters of reference.

Referring to the accompanying drawings, the pad comprises opposite side members 1 and 2, respectively, which are each formed from two pieces or sections of leather 3 and 4, stitched together at their top and end edges and left open or unconnected at their lower edges. These members are connected together at their top edges by means of an interposed welt of leather 5, extending the entire length of the members, which latter are secured to the welt by means of a single row of stitching 6. This leather welt is curved or bowed downwardly intermediate of its ends, so as to properly fit the curvature of the neck of the animal, and the opposite side members diverge downwardly, as plainly illustrated in Fig. 2 of the drawings.

To connect the pad to a collar, each side member is provided with an attaching-loop,

comprising a short strap-section 7, having a buckle 8 at its free end and a longer strap-section 9, adapted to embrace the adjacent side of the collar and be connected to the buckle 8, so as to hold the pad firmly in position and also prevent the same from being displaced from beneath the collar. It will be noted that the opposite fixed ends 10 and 11 of the respective straps are fitted between the sections 3 and 4, and the single row of stitching 12, which connects the opposite end of the said sections, also serves to fasten the straps to the respective members.

A pad constructed in accordance with the foregoing description embodies no metallic fastenings, which corrode and thereby damage the leather, but is constructed entirely of leather, the several parts being sewed or stitched together, whereby a durable and exceedingly-flexible pad is provided. By the provision of a leather welt, bowed as described, the upper end of the pad, which is usually comparatively stiff or rigid, is now rendered flexible and is capable of giving or yielding in any direction to the movement of the neck of the animal. In view of this flexibility of the pad the latter may be worn with maximum comfort by the animal.

As best illustrated in Fig. 2, it will be noted that the sections of each side member are provided with registering openings 13, which are adapted to admit air to the neck of the animal so as to maintain the latter comparatively cool, and thereby lessening the chances of galling caused by overheating. Furthermore, it will be seen that as the lower edges of the sections 3 and 4 are not stitched together the air also has access to the space between said sections, thereby aiding in keeping the neck of the animal cool.

In view of the fact that the sections of the side members are connected together only at their top and end edges said sections are capable of a slight movement upon each other, so that the collar will move the outer section 3 upon the inner section 4, which latter remains substantially fixed, thereby receiving the rubbing and wearing of the outer section 3, caused by the movement of the collar, and thereby prevents the neck of the animal from becoming rubbed or otherwise injured.

What I claim is—

A pad for harness-collars, comprising opposite side members, each member being formed from two sections of flexible leather provided with transversely-alined openings 5 and stitched together at their top and end edges only, a flexible leather welt interposed between the upper edges of the side members and connected thereto by the row of stitching which connects the respective sections, 10 and collar-attaching loops having their opposite ends inserted between the members of

the respective sections and connected thereto by the rows of stitching which connect the end edges of the sections, substantially as shown and described. 15

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

FREEMAN A. DOOLITTLE.

Witnesses:

A. V. GRAVES,
J. L. BRANEN.