

(No Model.)

R. SCHWAHN.

COLLAR PAD.

No. 377,088.

Patented Jan. 31, 1888.

Fig. 1.

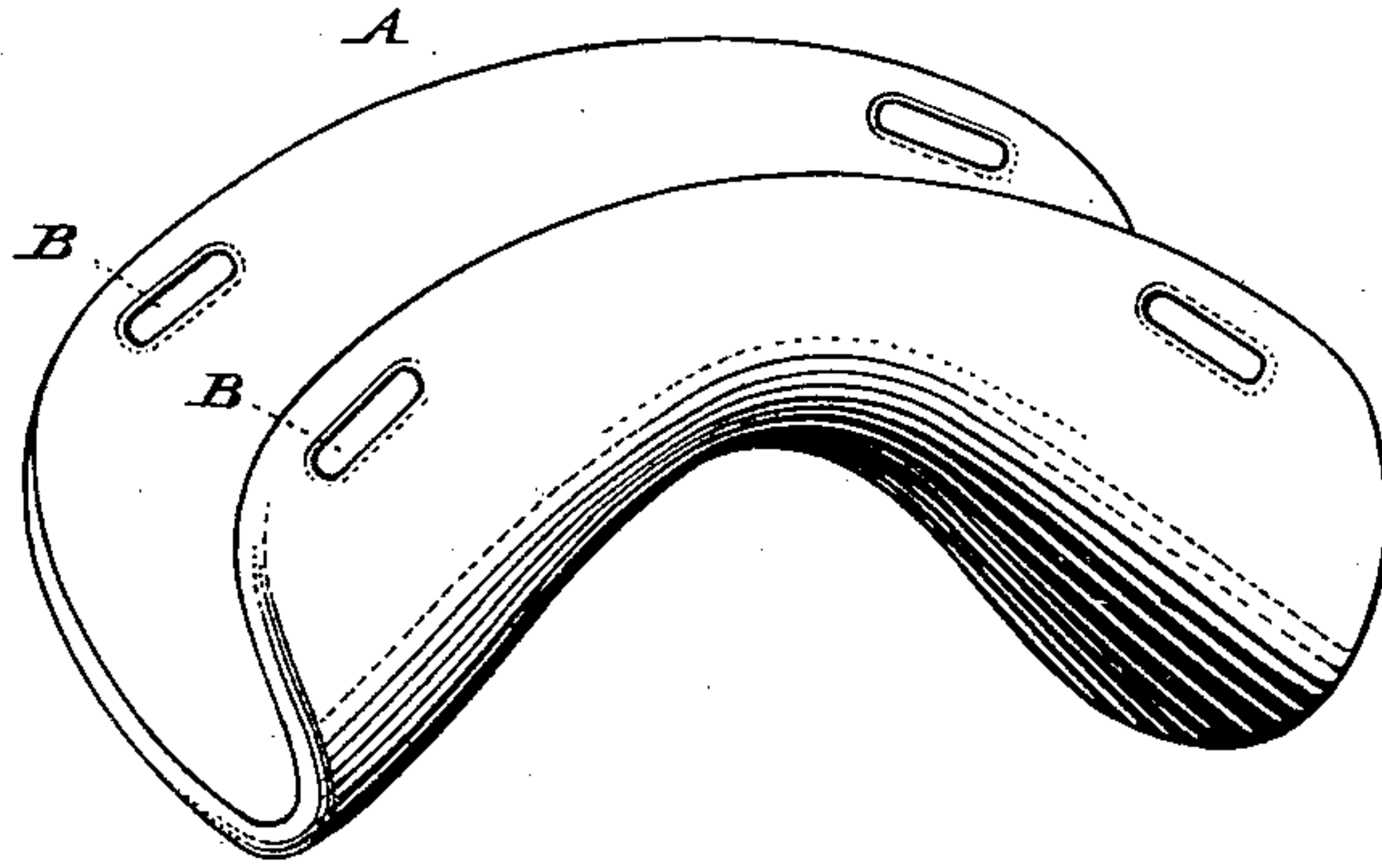
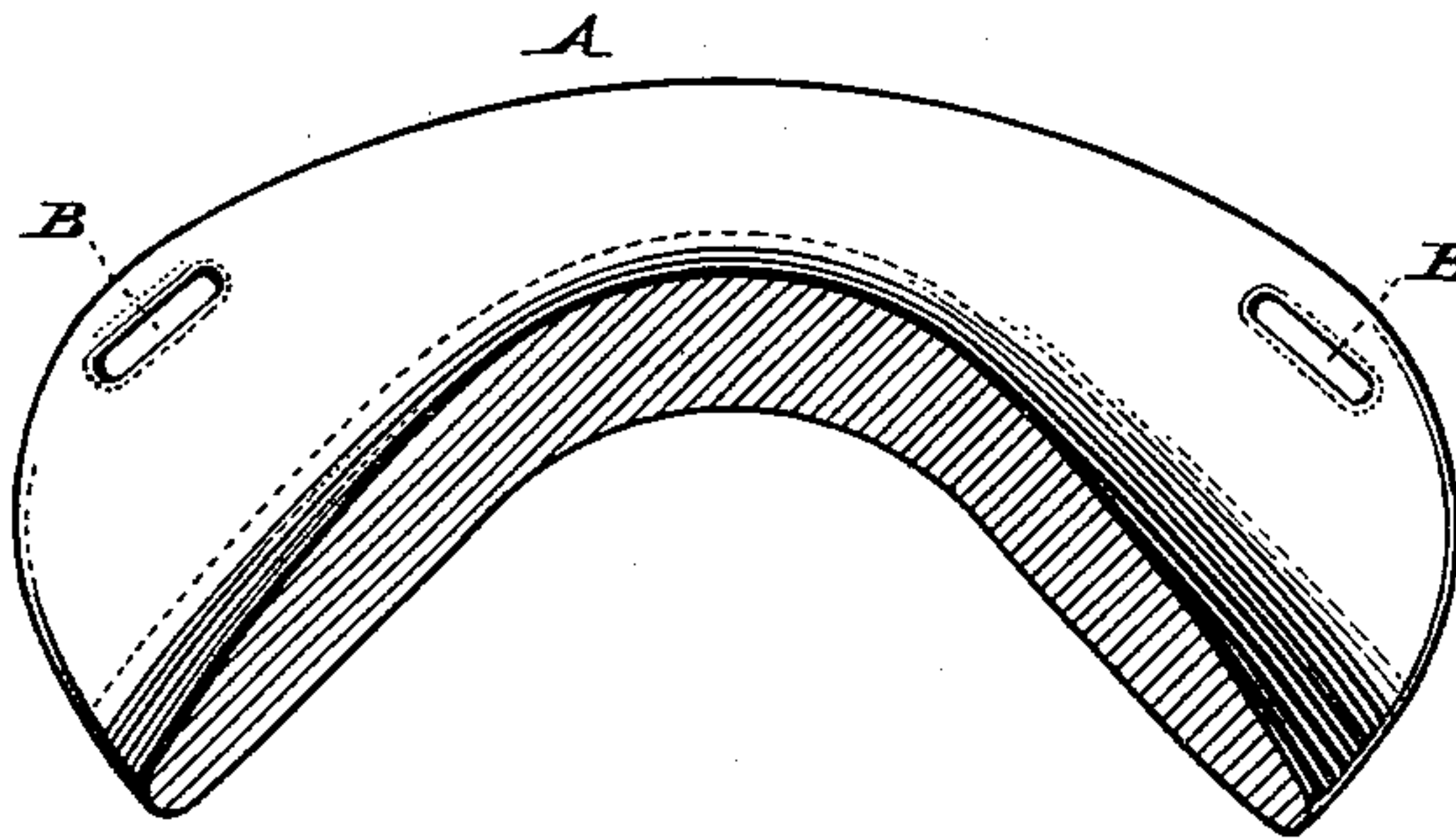


Fig. 2.



WITNESSES

Villette Anderson.
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UNITED STATES PATENT OFFICE.

RUDOLPH SCHWAHN, OF EAU CLAIRE, WISCONSIN.

COLLAR-PAD.

SPECIFICATION forming part of Letters Patent No. 377,088, dated January 31, 1888.

Application filed July 19, 1886. Serial No. 208,447. (No model.)

To all whom it may concern:

Be it known that I, RUDOLPH SCHWAHN, a citizen of the United States, residing at Eau Claire, in the county of Eau Claire and State of Wisconsin, 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 ap-
10 pertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation
15 of this invention, and is a perspective view. Fig. 2 is a vertical section.

My invention relates to collar-pads for horse-collars; and it consists in the novel construction and combination of parts, as hereinafter
20 described, and pointed out in the claims.

I have learned from my experience in harness-making, and especially in the manufacture of horse-collars and fitting them upon horses' necks, that horses have different-shaped
25 necks, and especially on top where the collar-pad fits—that is to say, some necks are arched on top, some are straight at this point, and others are depressed or hollow at the point where the collar-pad rests. On account of these differences in contour the same style of collar-
30 pad will not properly fit three horses differing in formation of the neck, as above explained. I have therefore separated the necks of horses into three classes, each class corresponding to
35 one of the formations above described. Leather pads, zinc pads, and lead pads have heretofore been used. The leather pad is the best of the three, but when wet it loses its shape, and when it becomes dry will not fit properly.
40 The zinc and lead become useless after a little wear, as they crystallize and break, and when in this condition are absolutely hurtful to the animal.

My improved collar-pad is made in the proper shape of solid glass, which at the middle of
45 the pad is fully one-half inch thick, so that it is durable and not easily broken.

Referring by letter to the accompanying drawings, A designates a glass pad for horse-collars, said pad A being provided with slots
50 B, through which it is attached to the horse-collar.

This pad is made by casting in a former, and is made in all sizes and in three classes, as
55 hereinbefore mentioned.

Matter—such as sweat, &c.—exuding from a horse's neck will adhere to other pads—such as leather, zinc, or lead pads—and the poison
60 from sores and the like is likely to be communicated to other horses when the collars are changed. These accumulations will not stick to glass pads.

It is obvious that other parts of the harness besides the collar may be provided with glass
65 pads or protectors, and in constructing harness I also apply such pads to the saddle under the gig-saddle, to the coach-pad, the hip and back strap, to the saddle under a riding saddle, and to any other parts of the harness that would
70 chafe the horse were the pads omitted.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

1. As a new article of manufacture, a cast-glass horse-collar pad, as set forth.
75

2. As a new article of manufacture, a cast-glass horse-collar pad made thickest at its middle portion, as set forth.

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

RUDOLPH SCHWAHN.

Witnesses:

WM. SCHWAHN,
W. WEDEMEYER.