

E. M. Gardner,

Horse Boots,

N^o 42,937.

Patented May 31, 1864.

Fig: 1.

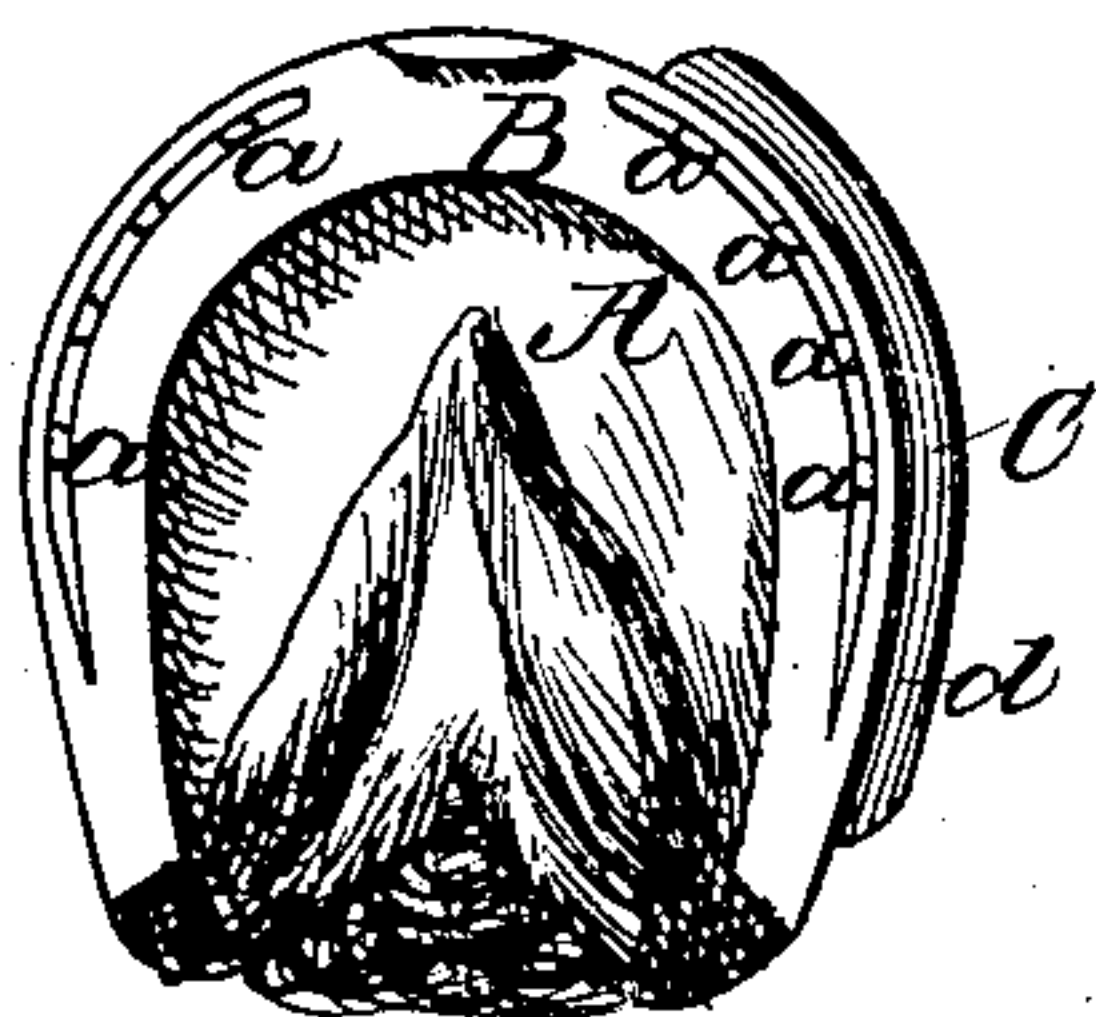


Fig: 2.

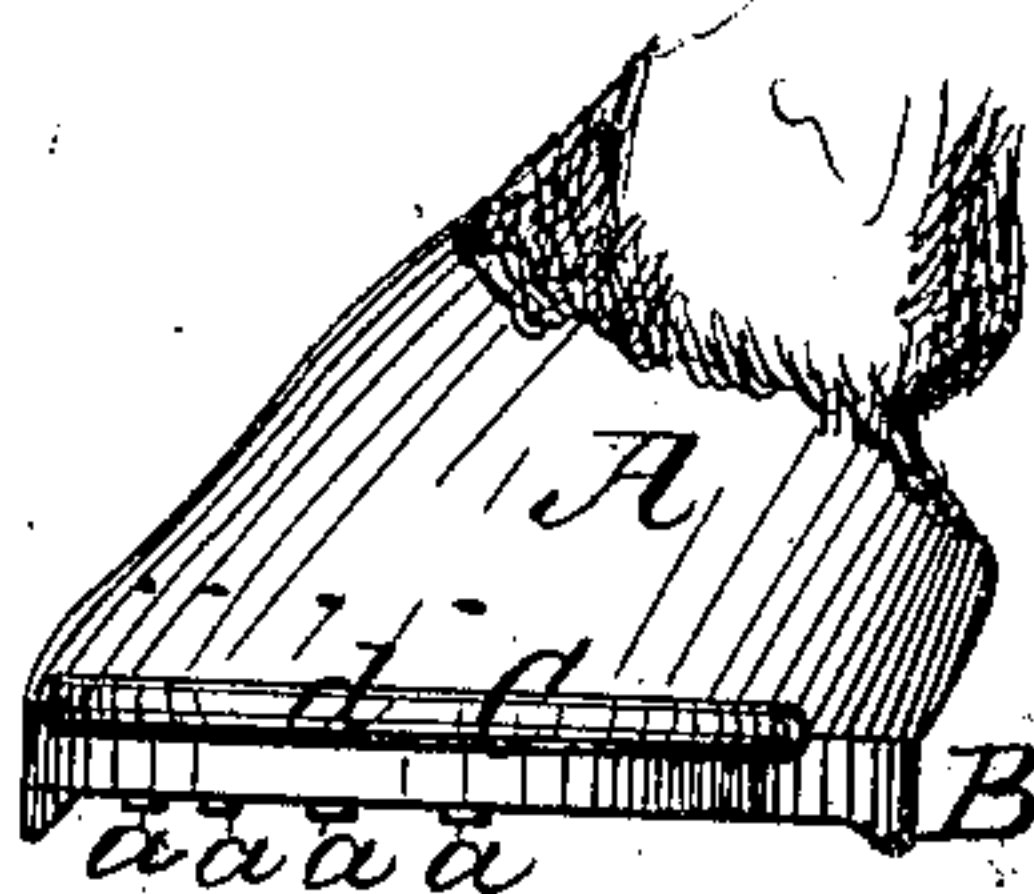


Fig: 3.

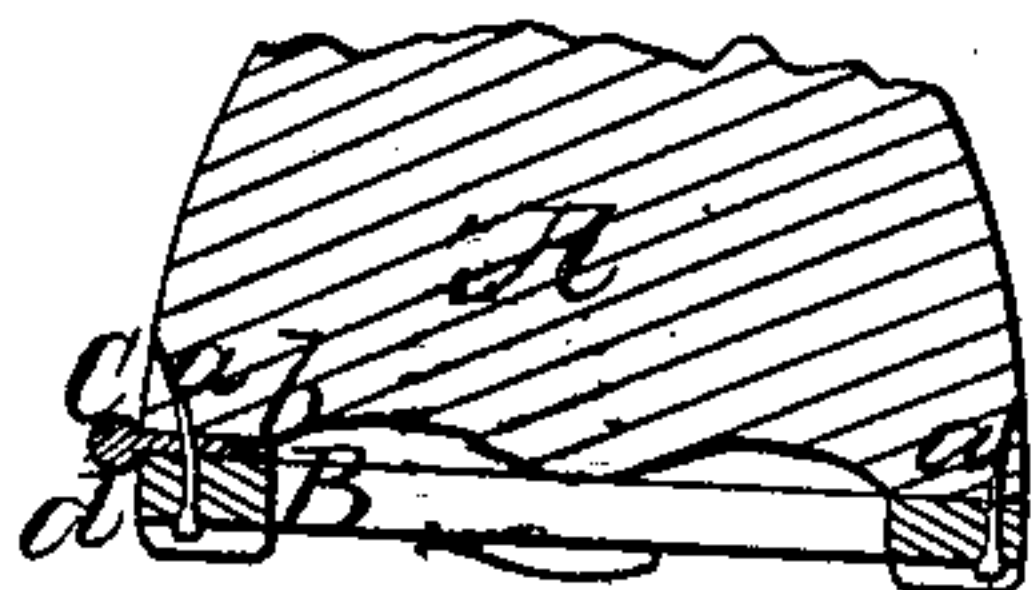
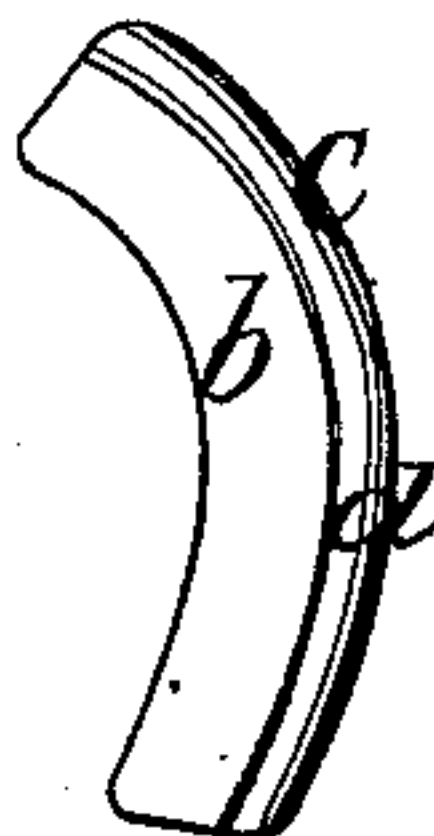


Fig: 4.



Witnesses;
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UNITED STATES PATENT OFFICE.

EDWARD M. GARDNER, OF NANTUCKET, MASSACHUSETTS

IMPROVEMENT IN PREVENTING INTERFERING IN HORSES.

Specification forming part of Letters Patent No. 42,937, dated May 31, 1864.

To all whom it may concern:

Be it known that I, EDWARD M. GARDNER, of Nantucket, in the county of Nantucket, in the State of Massachusetts, have made a new and useful invention for preventing one foot of a horse, or the shoe thereof, or the nails of such shoe, from interfering with and wounding the leg or ankle of the opposite foot; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 denotes an under side view of a horse's hoof and shoe having my invention. Fig. 2 is a side view, and Fig. 3 a transverse section, of the same. Fig. 4 is a top view of the guard to be hereinafter described.

My invention consists, principally, in a peculiar guard made with an attachment or lip, and applied to the foot of a horse, and held thereto by the shoe and the nails thereof, substantially as hereinafter explained, and as exhibited in the said drawings.

In such drawings A denotes the hoof of a horse, while B is the shoe thereof as applied to its sole, and secured to the hoof by nails *a a*.

C is the guard, which consists of a long and round piece, *d*, of vulcanized india-rubber, curved longitudinally, and having a lip or flange, *b*, projecting from its inner side. This guard is to be arranged on the inner side of the foot and at the junction of the shoe B and the foot, the lip or flange *b* being placed between the shoe and the foot and secured thereto by the nails *a a*, which hold the shoe in place, such nails being driven through the lip as well as through the shoe and into the hoof. The guard thus made is an elastic cushion or fender, which operates to prevent the shoe or its nails or the hoof from striking the opposite leg or ankle of the horse while he may be

in the act of either walking, trotting, or running.

I do not always intend to make the said guard of vulcanized india-rubber, as it may be constructed of gutta-percha or of any elastic material or materials suitable for the purpose.

I am aware that it has been customary to put a ring or band of leather or an annular cushion about the leg and just above the ankle of a horse in order to prevent interference of the hoof of one leg with the ankle or other part of the other leg, and therefore I lay no claim to such devices or their arrangement and application. My invention differs essentially from such not only in its application, but in its arrangement, for in the first place my guard is made so as to be held to the foot by the shoe and its nails, and it is so arranged as to prevent the edge of the shoe as well as the clinches of the nails from coming in contact with the opposite leg or ankle and wounding the same. The construction and arrangement of my improved guard or device for preventing "interfering" has both novelty and advantage with respect to a cushion or band buckled around that part of the leg of a horse which is just above the ankle thereof.

I claim as my invention—

1. The said guard, as made with the lip *a* and the part *b*, formed and arranged substantially in manner and for the purpose of being applied to the foot of a horse, as specified.
2. The arrangement of the guard C (or its lip *a* and part *b*) with respect to the hoof, shoe, and the shoe-nails of a horse, substantially in manner as specified.

EDWARD M. GARDNER.

Witnesses:

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