

(No Model.)

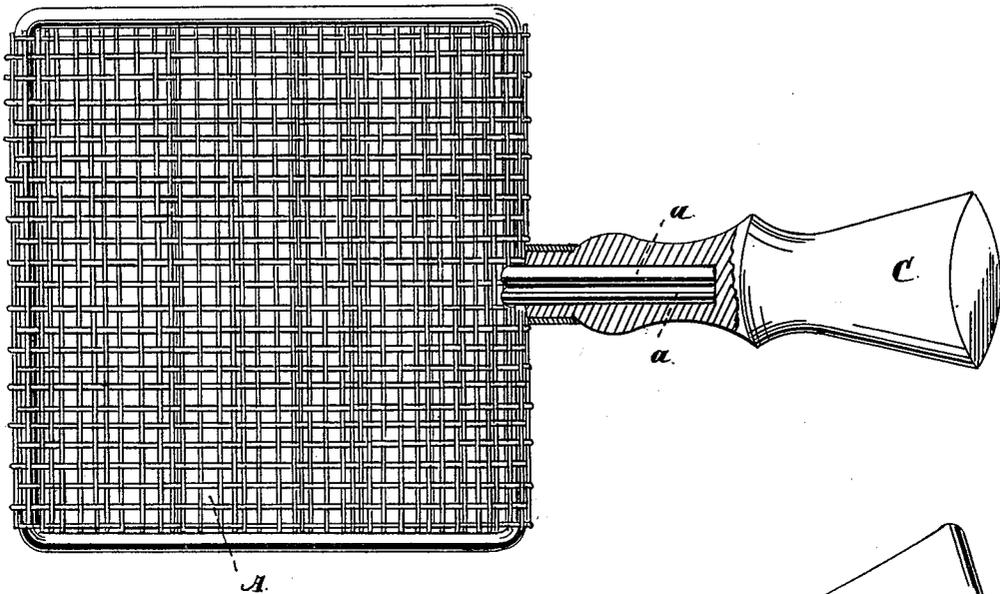
E. MILLER.

CURRY COMB.

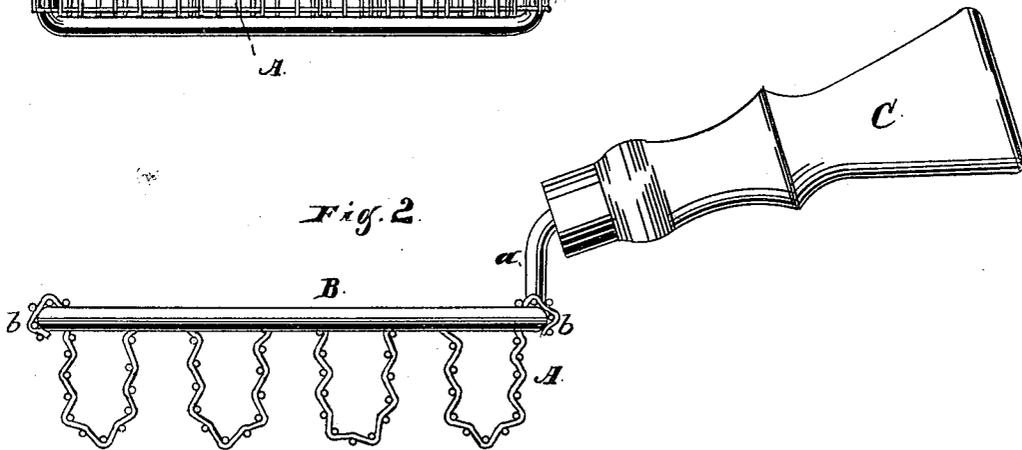
No. 266,635.

Patented Oct. 31, 1882.

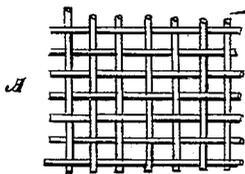
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:

*E. A. West*  
*Albert H. Adams.*

Inventor:

*Edwin Miller*

# UNITED STATES PATENT OFFICE.

EDWIN MILLER, OF CHICAGO, ILLINOIS.

## CURRY-COMB.

SPECIFICATION forming part of Letters Patent No. 266,635, dated October 31, 1882.

Application filed September 19, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, EDWIN MILLER, residing at Chicago, in the county of Cook and State of Illinois, and a citizen of the United States, have invented a new and useful Improvement in Curry-Combs, of which the following is a full description, reference being had to the accompanying drawings, in which—

Figure 1 is a top view; Fig. 2, a side elevation; Fig. 3, a plan of a small piece of the wire-cloth shown in Figs. 1 and 2.

The object of my invention is to construct an improved curry-comb which will be efficient, and which can be used upon the bony portions of a horse with less liability of hurting the animal than when a toothed curry-comb is used, which I accomplish by making the main part of the curry-comb which comes in contact with the animal of wire-cloth, as hereinafter fully set forth.

In the drawings, A represents a piece of wire-cloth equal in width to the width of the desired curry-comb and of sufficient length to allow it to be bent or folded substantially as shown in Fig. 2.

B is a frame, which may be made from a single piece of wire of suitable size, the ends *a a* being brought together and inserted in a handle, C. The piece of woven-wire fabric is to be bent or folded substantially as shown in Fig. 2, and its ends are to be secured to the ends of the frame B in any suitable manner. This may be done by folding the ends of the fabric over the wires at the ends of the frame, as shown at *b b*, Fig. 2, and then dipping the frame and fabric into a molten bath of solder or tinning material. This operation will give the whole frame and fabric a coating of the material used, and will effectually secure the fabric to the frame. If the fabric be of such width that the edges come in contact with the sides of the frame at certain points, the dipping in the molten bath will also solder the edges of the fabric to the frame at such points. This may or may not be done. If quite a light fabric be used, it will be well to have it secured, as stated, to the sides of the

frame; but if the fabric be heavy it will not be necessary to do this.

It is not necessary to bend the fabric exactly as shown. The convolutions may be more pointed at their lower ends than shown in the drawings.

In use my improved curry-comb is effectual for removing dirt from a horse, and it can be used upon the bony portions without hurting the animal in all ordinary cases. The faces or parts which come in contact with the horse are not sharp, but there is sufficient roughness to serve the desired purpose. Loose hairs will be more effectually removed by the use of this comb than by a toothed comb.

Grooms are in the habit of removing dirt and dust from the brushes which they use by drawing or rubbing the same over the teeth of a curry-comb, which rapidly wears out the brush. Much less injury will be done to a brush by using my curry-comb in cleaning the same than by using a toothed comb. Dust and dirt will not accumulate on this curry-comb as much as on the toothed combs.

It is not essential that the convolutions be as deep from the frame to the lower points thereof as I have shown.

The bent wire-cloth may be secured to a metal back instead of a frame, as shown. Heretofore the teeth of a curry-comb have been composed of wire bent into serpentine form, and a curry-comb-tooth plate has been made of a single piece of sheet metal corrugated to form the teeth; but such features do not constitute my invention.

What I claim as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, a curry-comb consisting of a piece of woven-wire cloth bent or folded as specified and secured to a suitable frame or back, substantially as and for the purposes shown and described.

EDWIN MILLER.

Witnesses:

E. A. WEST,

H. M. MUNDAY.