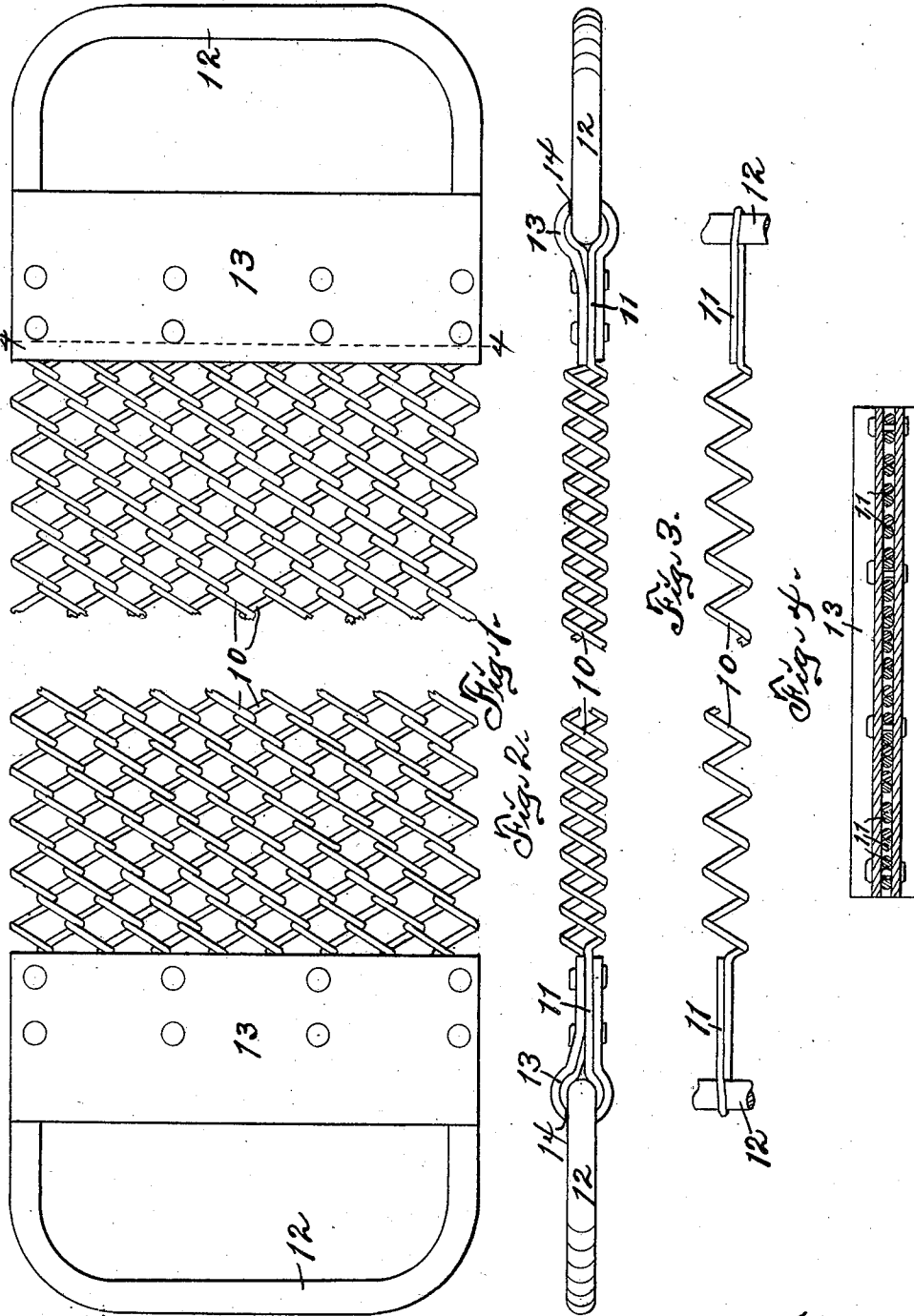


F. DALY.
HORSE CLEANER.
APPLICATION FILED MAY 17, 1910.

996,221.

Patented June 27, 1911.



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UNITED STATES PATENT OFFICE.

FRED DALY, OF PRAIRIE CITY, IOWA.

HORSE-CLEANER.

996,221.

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To all whom it may concern:

Be it known that I, FRED DALY, a citizen of the United States, residing at Prairie City, in the county of Jasper and State of Iowa, have invented a new and useful Horse-Cleaner, of which the following is a specification.

The object of this invention is to provide an improved construction for horse cleaners. A further object of this invention is to provide improved means for cleaning horses and other animals.

My invention consists in the construction, arrangement and combination of elements hereinafter set forth, pointed out in my claim and illustrated by the accompanying drawing, in which—

Figure 1 is a front view of the device, a portion of the body being broken away to economize space. Fig. 2 is an edge view of the same. Fig. 3 is a plan of one of the interwoven members of the body portion, showing a part of the handle member at either end. Fig. 4 is a cross-section on the indicated line 4—4 of Fig. 1.

In the construction of the device as shown I employ a body portion or cleaning member 10, composed of interwoven coiled material, preferably metallic. The interwoven coils are formed with a pitch or helix approximating to the diameter of each coil and the body portion composed of such coils has a thickness corresponding with the diameter of each coil throughout the major portion of its length and throughout its entire width. Thus the body portion is reticulated or perforated by reason of the spaces between the helices of each coil. The body portion 10 is of uncertain length, preferably about twenty-four inches, and of uncertain width, preferably about four inches. The body portion 10 is formed with a straight or flat portion 11 at each end, and the straight or flat portion 11 at each end passes around and engages the flat side of a D-shaped handle 12. A binding piece 13, preferably of sheet metal, passes around and covers a straight or flat portion 11 at each end of the implement, and that portion of a handle 12 engaged by said flat or straight portion. Each binding piece 13 is bent

around the flat side of a D-shaped handle at its middle portion and the ends thereof brought into close parallel relation and against the flat or straight portion 11 of the body of the device, and each binding piece is secured in such position by soldering and by means of rivets through the interstices of the body portion 10. Each binding piece is notched at 14 to receive a handle 12, and such construction provides for rigidity of the implement at either end, or in other words rigid connection between the body member and handles.

In the practical use of this device a handle is grasped in either hand of the operator and the body member 10 is caused to pass backward and forward across the surface to be cleaned, such as a horse's back or flanks. The interwoven coiled material of the body portion provides a scraping or currying surface for removing particles of dirt or manure from the horse's hair, and the construction as described permits the operator to use both hands, to get a better purchase, to clean a larger surface, and to do quicker work than is possible with the ordinary cleaning or currying devices. The implement is flexible to a certain extent, with the exception of the end portions, and may be worked from side to side over a horse's back, under his belly, or around his leg, and hollow or concave portions of the animal's body may be reached and cleaned by manipulation of that part of the interwoven material adjacent to one of the stiff or inflexible ends.

I claim as my invention—

In a device of the class described, a body or cleaning member composed of interwoven coiled material, each end of said body or cleaning member flattened and engaging a handle, and a binding piece at each end of said body or cleaning member, and a binding piece at either end passing around one side of a handle, notched to receive said handle, brought into close parallel relations with said flattened end portions, and riveted thereto.

FRED DALY.

Witnesses:

A. J. COFFMAN,
H. M. WILSON.