

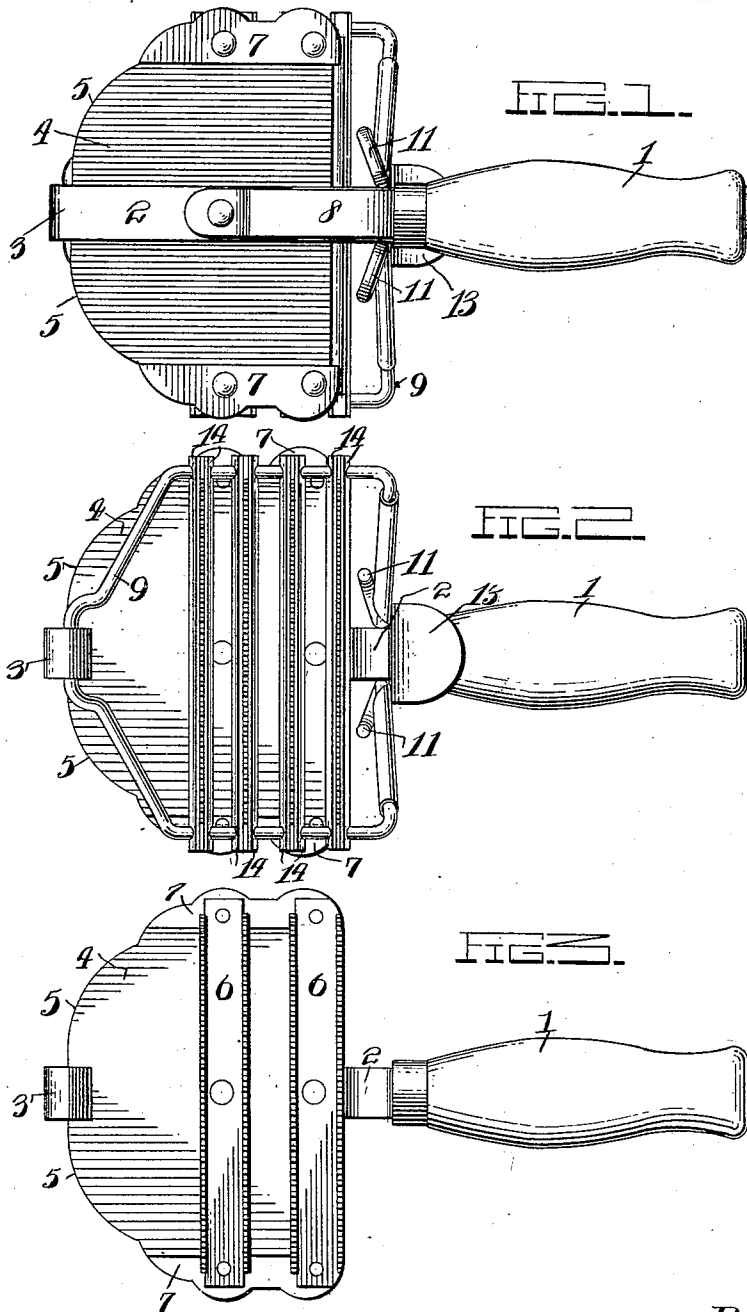
B. WILSON.
CURRYCOMB.

APPLICATION FILED APR. 11, 1911.

1,011,689.

Patented Dec. 12, 1911.

2 SHEETS—SHEET 1.



Witnesses
F. W. Taylor
S. W. Wilson,

Inventor
B. Wilson.

By *Charles C. B. B. B.*

Attorneys

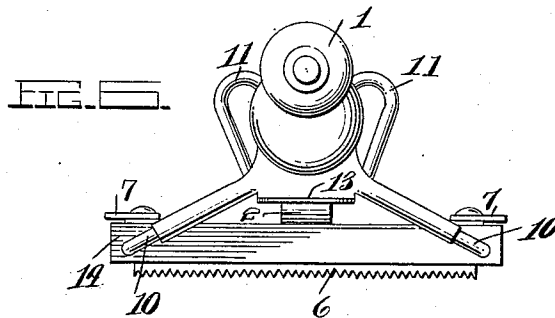
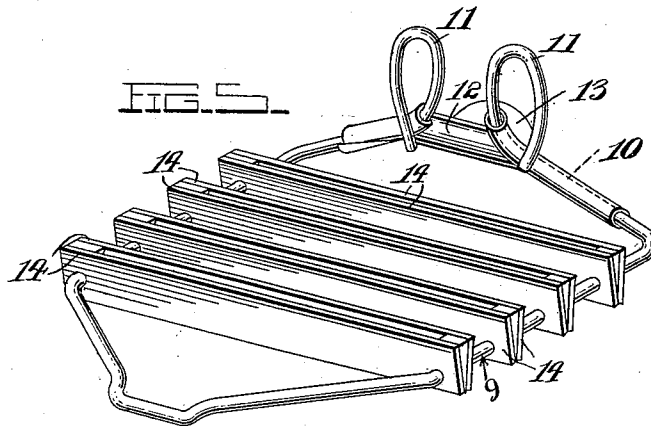
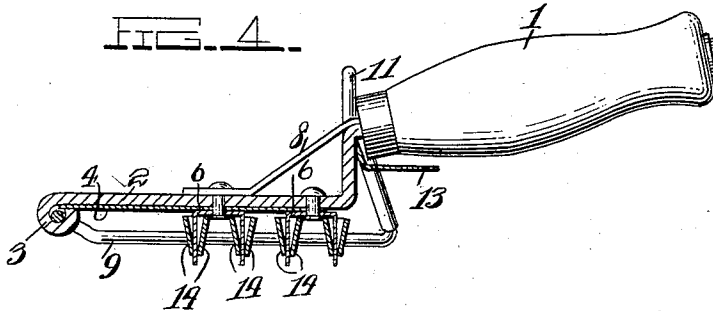
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2 SHEETS—SHEET 2.



Witnesses
J. W. Taylor.
William J. Mason.

Inventor
B. Wilson.
By Charles Chavale

Attorneys

UNITED STATES PATENT OFFICE.

BERT WILSON, OF WARM SPRINGS, MONTANA.

CURRYCOMB.

1,011,689.

Specification of Letters Patent.

Patented Dec. 12, 1911.

Application filed April 11, 1911. Serial No. 620,329.

To all whom it may concern:

Be it known that I, BERT WILSON, a citizen of the United States, residing at Warm Springs, in the county of Deerlodge, State of Montana, have invented certain new and useful Improvements in Currycombs; and I do hereby 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 appertains to make and use the same.

This invention relates to currycombs, and has for its object to improve the construction of devices of this character and to provide a new and novel means for cleaning the same after the currying operation:

A further object of the invention is to produce a device of this character which is simple in construction, durable, and will efficiently remove dirt and hair from the teeth by a simple operation.

In the drawings:—Figure 1 is a top plan view. Fig. 2 is a bottom plan view. Fig. 3 is a similar view, showing the cleaning frame removed. Fig. 4 is a vertical longitudinal sectional view. Fig. 5 is a perspective view of the cleaning frame removed from the comb. Fig. 6 is a front elevation of the entire device.

Referring to the drawings, the numeral 1 designates a suitable handle in which is suitably secured one end of a strap metal shank 2, said shank having its extreme outer end terminating in an eye 3, the purpose of which will be hereinafter described. The back 4 is formed from sheet metal and has its outer edge curved, as at 5 of the drawings. A pair of substantially U-shaped plates 6 are provided, and have teeth formed along their lower edges, said plates being secured to the back 4 at their centers by rivets or the like and at their extreme outer ends to strips 7, by rivets. The strips 7 form extension sides for the back 4. At the point where most pressure is applied, is a brace 8, said brace having one of its ends secured in the handle and its other end secured to the strap shank 2 by a rivet, which passes through said shank to hold one of the plates 6 at its center. A rivet or the like is also passed through the strap 2 to secure the other plate 6 in position at its center.

A resilient wire frame 9 is pivotally connected to the eye 3, said frame consisting of a single piece of wire and having its ends

formed with curved portions 10, said portions terminating in loops 11. A brace member 12 is provided, and has its ends bent around the curved portions 10 of the wire frame, said brace member being provided with a finger piece 13. By forming the frame 9 of resilient wire the looped ends may be sprung upon the strap shank 2 to firmly and positively hold the frame in its normal position, the brace member 12 tending to limit the resilient action of the looped ends 11.

A series of transverse cleaner plates 14 are provided and are paired so each pair will engage the edges of the plates 6, when said frame is in its normal position. The cleaner plates 14 are formed from sheet metal, and are arranged in spaced relation throughout their length, and are provided at their extreme outer ends with apertures, and by which said plates are mounted upon the frame 9, and soldered or otherwise suitably secured, so as the upper edges of each pair of plates are farther apart than the lower edges, thereby allowing the cleaner plates 14 to readily pass over the edges of the plates 6, a distance sufficient to allow the toothed edges of the plates 6 to project slightly beyond the lower edges of the cleaner plates 14. Thus it will be seen that the lower edges of the cleaner plates, when in their normal position will lie flush against the lower edges of the toothed plate 6, so that when the frame is swung upon its pivot said cleaner plates will remove all dirt and hair which has accumulated upon the toothed edges of the plate 6.

The operation of the device is as follows: After the horse has been curried and it is desired to clean the comb it is only necessary that the finger piece 13 is grasped by the free hand of the operator to disengage the loops from the strap shank 2 until the frame carrying the cleaner plates 14 has been disengaged from the toothed plates 6, thus dislodging all foreign matter which has accumulated on the teeth. After the comb has been cleaned the frame is swung upon its pivot until the loops spring upon the handle, thereby securely holding the cleaner plates in their proper relation with the toothed plates, and positioning the finger piece 13 so that the fore finger of the operator may conveniently engage the same, and which will prevent the accidental swinging

of the frame during the currying operation.

What is claimed, is:—

In a currycomb, the combination with a
5 handle having a shank, of a back secured to
the shank, a frame formed from a single
piece of wire and pivotally connected to
said shank, toothed plates secured to said
back, transverse cleaning plates arranged in
10 pairs and having their opposite ends se-
cured to the frame, said cleaning plates be-
ing arranged in parallel relation and having
their upper edges spaced farther apart than
their lower edges so that said lower edges

will engage the sides of the toothed plates, 15
said frame having resilient loops formed at
its free end to clamp upon said shank, a
brace member having its ends secured to the
wire frame at a point below the loops, a
finger piece formed integral with said brace 20
member to clamp or unclamp the resilient
loops to or from the shank.

In testimony whereof, I affix my signa-
ture, in presence of two witnesses.

BERT WILSON.

Witnesses:

JAMES BURNS,
F. M. TRAINOR.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
