

(No Model.)

C. E. PIPER.
CURRYCOMB.

No. 572,063.

Patented Nov. 24, 1896.

Fig. 1.

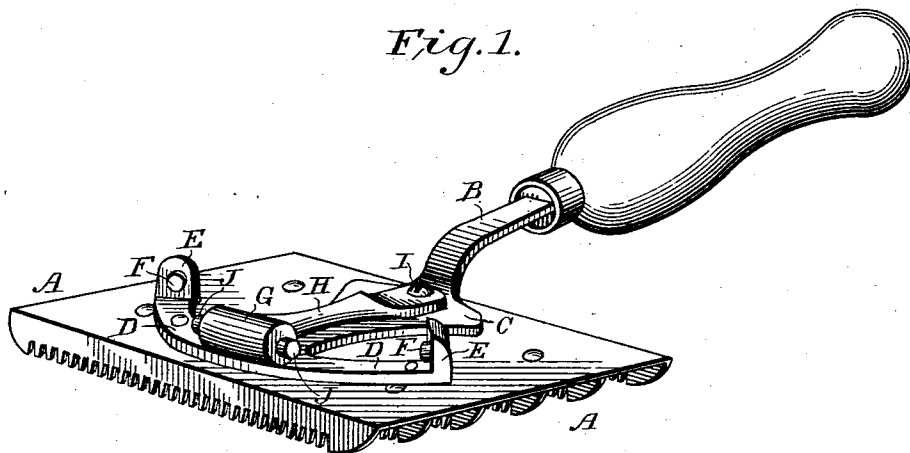


Fig. 2.

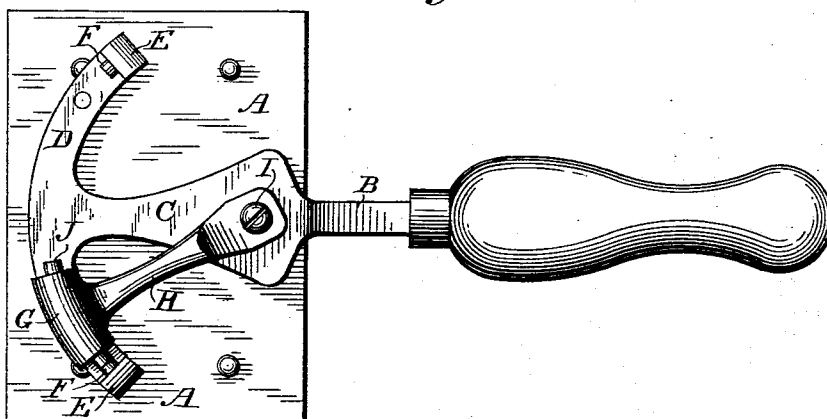
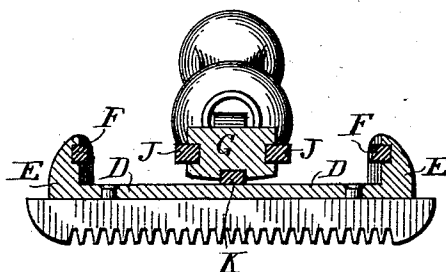


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

CHARLES E. PIPER, OF LACONIA, NEW HAMPSHIRE.

CURRYCOMB.

SPECIFICATION forming part of Letters Patent No. 572,063, dated November 24, 1896.

Application filed March 13, 1895. Serial No. 541,569. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. PIPER, of the city of Laconia, county of Belknap, and State of New Hampshire, have invented certain new and useful Improvements in Currycombs, of which the following is a specification.

Heretofore it has been customary to provide currycombs with a movable knocker for the purpose of striking a fixed part of the currycomb, whereby dirt and hair are removed from the currycomb, the currycomb being thus self-cleansing. Various constructions of the knocker and various means for mounting it upon the currycomb are known in the art. Now there is one very objectionable feature about such currycombs as they have been heretofore manufactured, due to the fact that the knocker in striking the fixed part of the currycomb produces a sharp rattling noise during the ordinary use of the comb. The noise is particularly objectionable when the currycomb is used around young or nervous horses, and is likewise disagreeable to the user of the currycomb and to all persons within hearing. The sharp impact of the knocker upon the fixed part of the currycomb, usually a part of the frame of the currycomb, is also objectionable in that it tends to wear out the comb.

The primary object of the present invention is to overcome these objections by providing the currycomb with a knocker swinging between two stops and suitable provisions for cushioning the same, so that the sound is deadened and rendered unobjectionable without interfering with the cleansing action of the knocker.

My invention is illustrated in the accompanying drawings, wherein—

Figure 1 is a perspective view of the improved currycomb. Fig. 2 is a plan view thereof, and Fig. 3 is a face view.

Referring to the drawings, A is the body of the currycomb, and B is the handle-stem, which is preferably formed integral with a metallic plate C, riveted to the body of the currycomb. This metallic plate C has two laterally-projecting arms D D, which lie flush upon the back of the currycomb, and each of

these arms D terminates in a perpendicular stop E, provided on its inner face with an inwardly-projecting cushion F, composed, preferably, of rubber, but which may be of any other elastic or cushioning material.

The knocker proper consists of a metallic piece G, carried on the end of an arm H, which is pivoted at I to the plate C near the handle. The knocker is thus a pivoted knocker. The lateral arms D D, it will be noted, are concentric with the pivotal axis of the knocker, so that the head of the knocker rides on the arms D D. On its under face the knocker is provided with an elastic pad or cushion K, which travels on the arms D D, thereby preventing noise. The knocker-head G is provided on its ends with outwardly-projecting cushions J J, composed of rubber or other elastic or cushioning material, which come in contact with the cushions F F when the knocker reaches its limit of motion in opposite directions. This construction provides an efficient knocker for cleansing the currycomb, and at the same time the knocker is efficiently cushioned, so as to prevent noise and destructive impact upon the fixed stops.

While I have shown both the fixed stops and the knocker-head as being provided with cushions, and I prefer this arrangement, it is not essential, since the cushions might be omitted either from the knocker-head or from the fixed stops.

I claim as my invention—

A currycomb provided with curved arms terminating in projecting stops having cushions on their faces, and a swinging knocker pivoted to the currycomb and traveling upon said curved arms, the head of said knocker having a pad which is interposed between the knocker-head and said curved arms and having cushions on its ends which come in contact with the cushions respectively on the projecting stops, substantially as set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

CHARLES E. PIPER.

Witnesses:

WELLINGTON L. WOODWORTH,
C. J. A. WARDWELL.