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R. N. TUNSTALL & F. SICOTTE.

CURRYCOMB.

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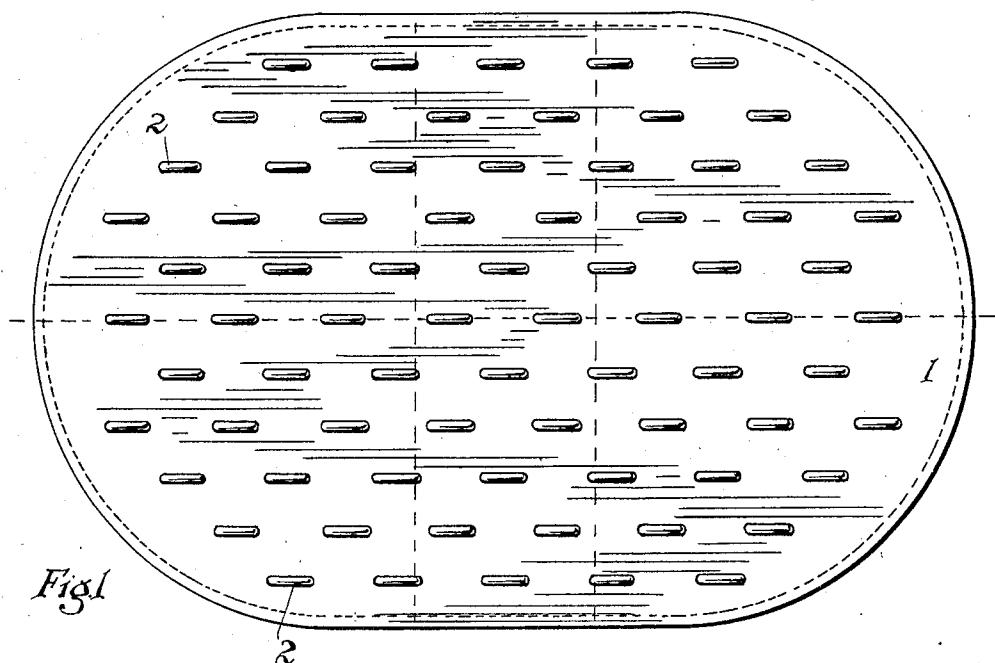


Fig.1

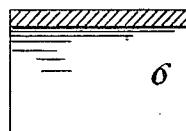


Fig.2

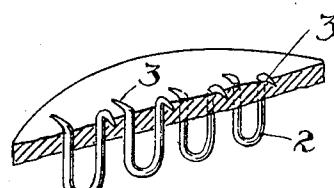
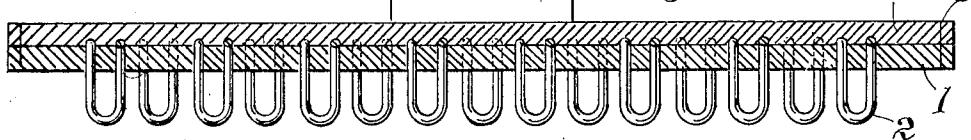


Fig.3

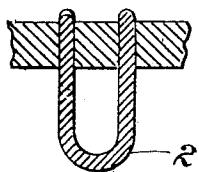


Fig.4

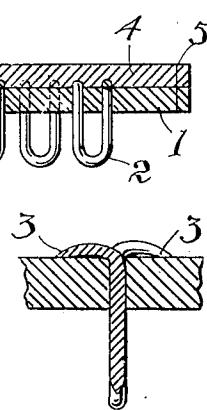


Fig.5

WITNESSES:

Geoffrey Hall.

N. Keating

INVENTORS,

R. N. Tunstell,  
F. Sicotte,

Free Wright,  
ATTORNEY.

# UNITED STATES PATENT OFFICE.

ROBERT N. TUNSTALL AND FRED SICOTTE, OF GUERNEVILLE, CALIFORNIA.

## CURRYCOMB.

No. 878,433.

Specification of Letters Patent.

Patented Feb. 4, 1908.

Application filed August 30, 1907. Serial No. 390,717.

*To all whom it may concern:*

Be it known that we, ROBERT N. TUNSTALL and FRED SICOTTE, citizens of the United States, residing at Guerneville, in the county 5 of Sonoma and State of California, have invented new and useful Improvements in Currycombs, of which the following is a specification.

The object of the present invention is to 10 provide a currycomb of improved construction, which will be very efficient in performing its function of cleaning a horse; will at the same time be free from the tendency to unduly scratch or injure the horse's skin; 15 which can be freely bent so as to conform to the various curvatures of the surface over which it is used; and which will be of extreme durability in use.

In the accompanying drawing, Figure 1 is 20 a bottom plan view of the currycomb; Fig. 2 is a longitudinal section of the same; Fig. 3 is a broken perspective view, partly in section, of a portion of the currycomb, the backing being removed; Fig. 4 is an enlarged 25 sectional view through one of the staples; Fig. 5 is a similar view, transverse to the staple.

Referring to the drawing, 1 indicates a 30 support of leather, or other flexible material in the form of a plate, which may be rounded at the ends, or of any desired contour. In said support are secured staples 2, said staples being preferably arranged in longitudinal rows, the plane of each staple in a 35 row containing the line of the row. Transversely of the currycomb, said staples are arranged offset or staggered in adjacent rows, but two sets of oblique or diagonal rows are formed, as clearly shown in Fig. 1. Each 40 staple is secured to the support by having its two prongs 3 both bent down flat upon the back of the leather plate-like support 1, and in directions at right angles to the plane of the staple, as clearly shown in Figs. 3 and 5, 45 but in opposite directions from said plane. This construction secures the staples very firmly upon the leather plate, as it provides an extended bearing, not only in the plane of the staple, but in a direction at right 50 angles to said plane, so that it is impossible for the staples to work loose from the leather. A leather backing 4 is now secured upon the support by means of stitches 5; and a leather handle 6 is provided of the usual construc- 55

An important feature of this invention consists in the form of the loops of the staples. Each loop being in the form of a semicircle of diameter equal to the full width of the staple is free from corners or angles which 60 would tend to irritate the skin of the horse, and is of such form that the staple will clean the horse's skin in less time and more effectively than prior forms of currycombs.

The rounded loops of the staples pass 65 under the hairs and thoroughly remove any dust or other foreign substances. The construction is such that the currycombs never become clogged up, so that the labor and time of picking out from the currycomb the 70 hair or other material from horses' skin, are not required. Moreover on account of its flexibility, every part of the working surface of the currycomb can be operated at the 75 same time.

The device can be used not only as an ordinary currycomb, but also for shampooing the horse, which is of great advantage in stables where shampooing is customary. Again, owing to the arrangement of the 80 staples in planes parallel with each other and in the longitudinal direction of the currycomb, the device is very effective in combing the mane and tail of a horse, being for such use drawn longitudinally through said mane 85 and tail. The staples then present their narrowest surfaces to the direction in which the currycomb is moved and thus serve to part and loosen the hairs without any danger of catching or pulling out the same. 90

We claim:

A currycomb comprising a flexible support, and staples secured therein in parallel rows, each staple being arranged in a plane containing its row, and having its prongs 95 bent down upon the rear side of the flexible support in opposite directions from the plane of the staple, the middle or loop portion being in form substantially a semicircle of diameter the full width of the staple, substantially as described.

In testimony whereof we have hereunto set our hands in the presence of two subscribing witnesses.

ROBERT N. TUNSTALL.  
FRED SICOTTE.

Witnesses:

H. L. BAGLEY,  
S. L. RIESE.