

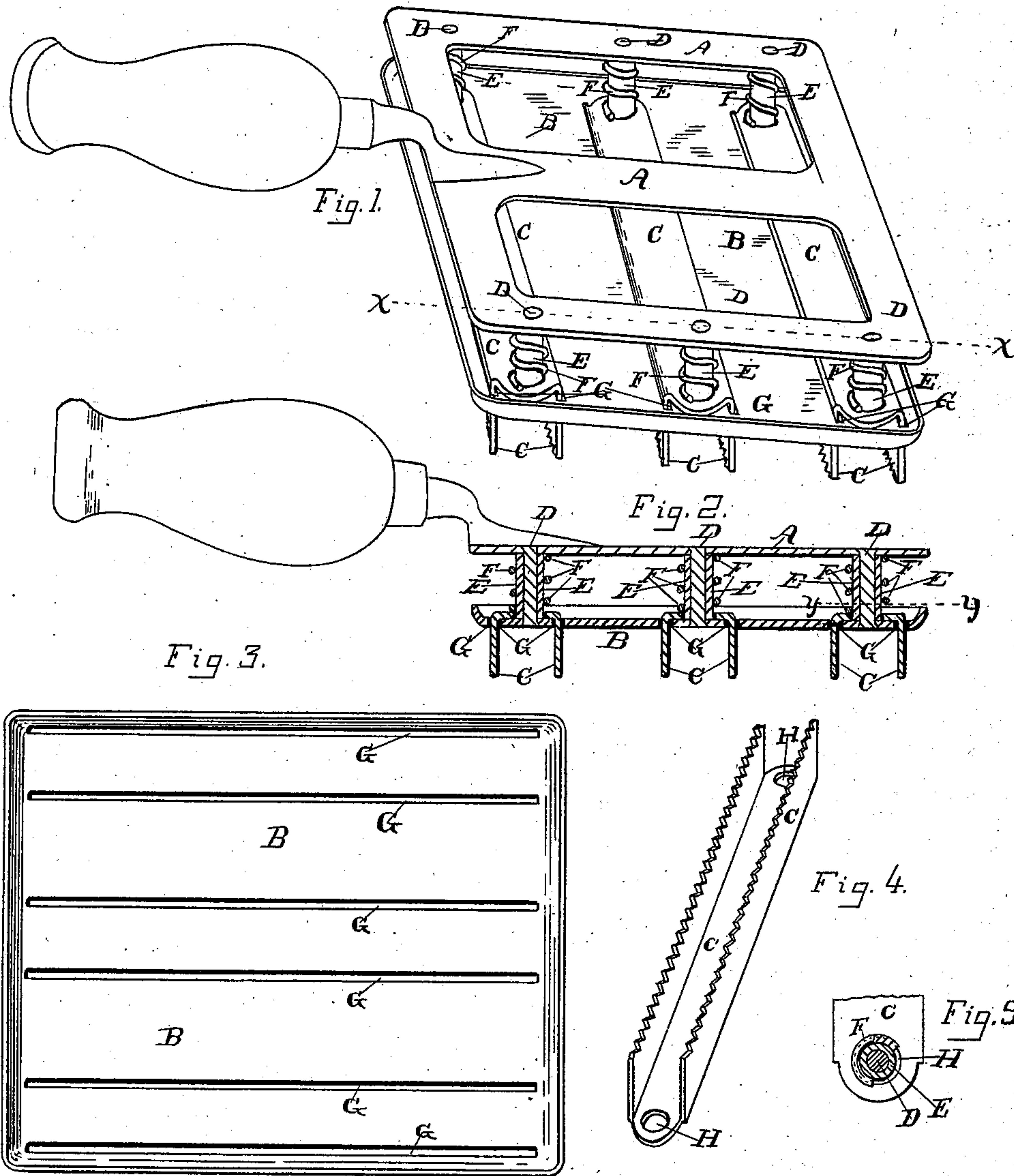
(No Model.)

G. F. DIETZ.

CURRY COMB.

No. 380,250.

Patented Mar. 27, 1888.



Witnesses,

Edg. J. Smith,
Franklin Taylor.

Inventor,

George Frederick Dietz.

By his Attorneys

Hazard & Townsend

UNITED STATES PATENT OFFICE.

GEORGE F. DIETZ, OF LOS ANGELES, CALIFORNIA.

CURRY-COMB.

SPECIFICATION forming part of Letters Patent No. 380,250, dated March 27, 1888.

Application filed August 15, 1887. Serial No. 246,963. (No model.)

To all whom it may concern:

Be it known that I, GEORGE FREDERICK DIETZ, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Improvement in Curry-Combs, of which the following is a specification.

The object of my invention is to construct a curry-comb which will adapt itself to the irregularities of the horse's body and limbs when the comb is used, thus preventing the comb from hurting the horse. I accomplish this by means of the device described herein, and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my invention. Fig. 2 is a cross-section on line *xx*, Fig. 1, showing the construction and arrangement of the several parts. Fig. 3 is a view of the slotted face-plate. Fig. 4 is a detail of one of the tooth-plates. Fig. 5 is a view of one end of the tooth-plates and a section of the spring, rivet, and ferrule on lines *yy*, Fig. 2.

A is the back plate of the curry-comb.

B is the slotted face-plate.

C are the tooth-plates.

D are the rivets securing the back plate to the slotted face-plate.

E are the ferrules which encircle the rivets D, and serve to hold the back and face plates apart.

F are the spiral springs encircling the ferrules between the back and face plates, and engaging with the back plate and the tooth-plates, pressing the tooth-plates out through the slots in the face-plate when the tooth-plates are free, but allowing the tooth-plates to be pressed in toward the face-plate when sufficient pressure is brought to bear upon them.

G are the slots in the face-plate. H are the holes in the tooth-plates through which the ferrules are passed. These holes are larger

than the ferrules, and the slots G are wider than the thickness of the tooth-plates, so as to allow the tooth-plates to wobble back and forth sidewise, and also to permit one end to be moved up and down independent of the position of the other end.

The ferrules E serve as guides for the tooth-plates, and the rivets D, in conjunction with the face-plate B, form the means whereby the tooth-plates are secured to the back plate.

Shoulders might be formed on the rivets to take the place of the ferrules, and it is obvious that various means can be employed to secure the toothed plates to the back plates in such a manner as to allow them to move to and from the back plate, and therefore I do not wish to be limited to the exact construction shown.

The essence of my invention consists in providing a curry-comb with a number of separate toothed plates so mounted upon the back of the comb as to allow them to move to and from the back of the comb, thus allowing the tooth-plates to pass over the irregularities of the horse's form without hurting the horse.

Now, having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A curry-comb consisting of the back plate, A, slotted face-plate B, rivets D, ferrules E, springs F, and tooth-plates C, substantially as described.

2. A curry-comb comprising the combination of the back plate, A, the slotted face-plate B, secured thereto by the rivets D, movable tooth-plates C, mounted between the face and back plates, and the springs F, mounted between and engaging with the toothed plates and back plate.

GEORGE F. DIETZ.

Witnesses:

JAS. R. TOWNSEND,
ED. J. SMITH.