

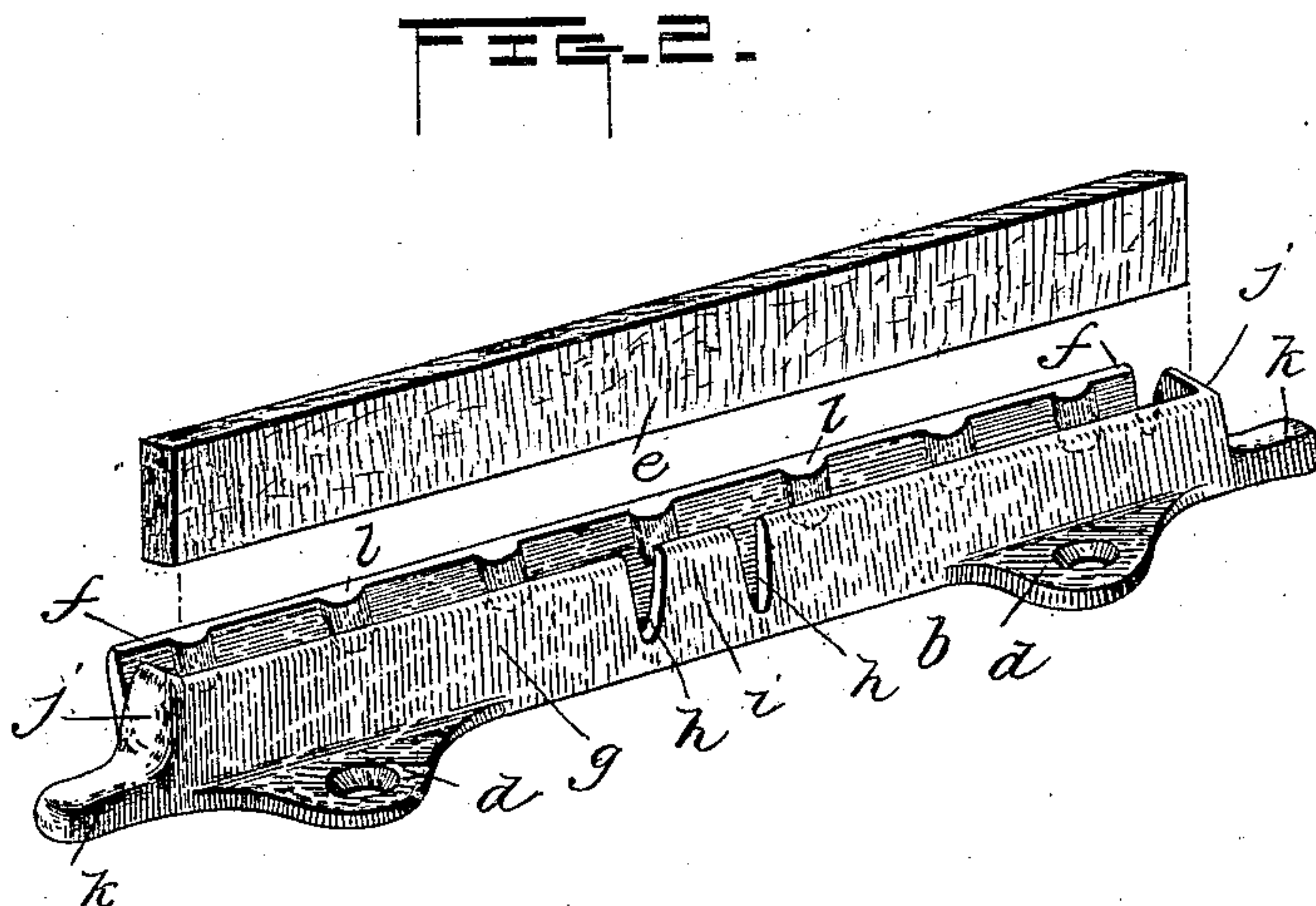
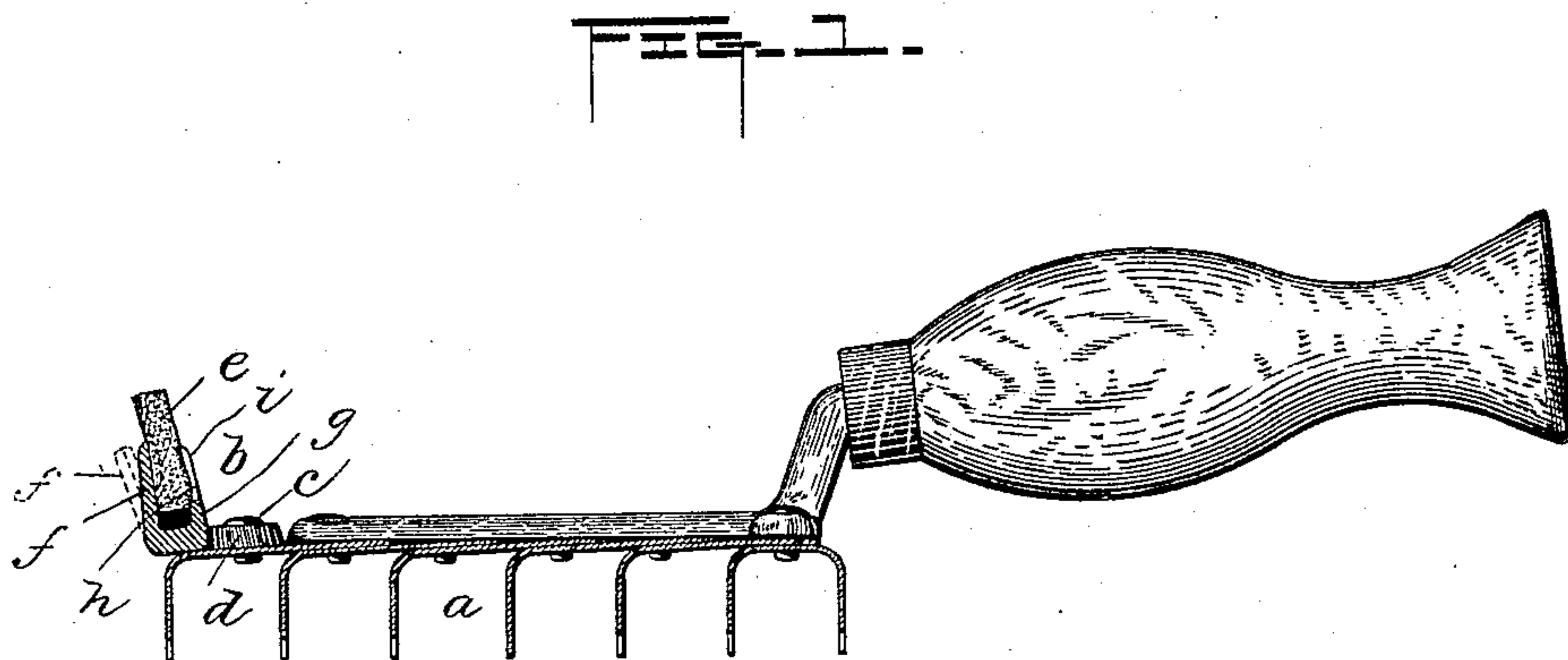
(No Model.)

W. RANSWEILER.

CURRY COMB.

No. 398,001.

Patented Feb. 19, 1889.



Witnesses

L. A. Lomax

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UNITED STATES PATENT OFFICE.

WILLIAM RANSWEILER, OF AKRON, OHIO, ASSIGNOR TO NATHAN H. BASSETT, OF SAME PLACE.

CURRY-COMB.

SPECIFICATION forming part of Letters Patent No. 398,001, dated February 19, 1889.

Application filed March 26, 1888. Serial No. 268,512. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM RANSWEILER, a citizen of the United States, residing at Akron, in the county of Summit and State of Ohio, have invented certain new and useful Improvements in Curry-Combs; 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.

My invention relates to an improvement in curry-combs, the object being to provide a cheaper, stronger, and more durable shedder-clasp than has heretofore been produced.

With these ends in view my invention consists in the novel features and combination of parts more fully described hereinafter, and pointed out in the claims.

Referring to the accompanying drawings, Figure 1 represents a curry-comb provided with my improved clasp, which is shown in cross-section; and Fig. 2, a perspective view of the clasp and shedder detached from the comb.

The reference-letter *a* indicates a curry-comb proper, which may be of any suitable form of construction, and *b* a clasp secured to the top of the front section of the comb by rivets *c*, which pass through the lateral flanges *d*, adapted to bear upon the front section of the comb. These flanges allow the clasp to be extended forward over the front edge of the top of the comb, in order to facilitate operating the shedder *e*. The clasp *b* is formed of one integral casting, which is so tempered as to enable the jaw *f* to be bent up against the shedder *e*, as shown in Fig. 1. In this figure dotted lines represent the jaw open before the shedder is inserted in the clasp.

g represents a rigid jaw, against which the pliable jaw presses the shedder when in place. This rigid jaw is provided with a pair of recesses, *h*, which are cut out to form the lip *i*, located midway between the opposite ends of the clasp. The end walls, *j*, are cast integral with the rigid jaw and form an inclosure for the shedder when the clasp is closed, so that it would be impossible for the shedder to force these walls open by constant jarring. The

knockers *k* upon either end, being also cast integral with the clasp, cannot become loosened from constant use, nor do they in any way affect the retaining power of the jaws *f* and *g*. The pliable jaw *f* is provided with a series of projections, *l*, which serve as teeth to better retain the shedder in place. The projections extend along the upper inner edge of the jaw *f*, and are made to gradually taper as they extend downward, in order to seek more deeply into the elastic shedder above its lower edge so as to bind or lock the shedder tightly in place in a dovetailed fashion.

The shedder *e* is made of rubber or suitable soft elastic material which can be applied to the tender parts of an animal without pain and does not injure or lacerate his skin, as frequently happens with metallic shedders. The form of shedder which I prefer to use is simply a flat straight-edged piece of rubber, such as shown in Fig. 2. This shape can be cut from sheet-rubber without the waste occasioned by making serrations, as has hitherto been customary in rubber shedders.

The clasp is cast in one integral piece, with the pliable jaw *f* in open adjustment, as shown in Fig. 2. The rubber shedder *e* is then inserted between the jaws, and the pliable jaw is bent, by means of a hammer or otherwise, against the rubber until the same is tightly grasped between the two jaws. The lip *i* is then bent in against the shedder to still better secure the same. When the shedder is thus securely clasped between the jaws, it cannot be removed except by bending back the pliable jaw, and it is thus securely retained in place, and is not liable to become loosened from constant jarring. When secured in position upon the back of the comb, the clasp and shedder set slightly at an angle to the plane of the back, and by thus slanting obliquely therefrom the operator is enabled to insert the shedder into depressions upon the animal with greater facility.

It is evident that many slight changes in the construction and arrangement of my device might be resorted to without departing from the spirit and scope of my invention; hence I do not wish to limit myself to the pre-

cise construction herein shown, but consider myself entitled to all such variations as come within the scope of my invention.

What I claim as new, and desire to secure
5 by Letters Patent, is—

1. A curry-comb provided with a shedder-clasp consisting of a single piece of metal, having knockers and pliable jaws cast integral therewith, substantially as described.

10 2. In a curry-comb, a shedder-clasp composed of a single piece of metal provided with securing-flanges, knockers, and pliable jaws cast integral therewith, substantially as described.

3. The combination, in a curry-comb, of a 15 shedder-clasp consisting of a single piece of cast metal provided with clamping-jaws, knockers at the opposite ends of said clasp, flanges provided with holes for securing it to the body portion of the comb, and an elastic 20 shedder held between said jaws, in the manner and for the purpose described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM RANSWEILER.

Witnesses:

HENRY K. SANDER,
N. H. BASSETT.