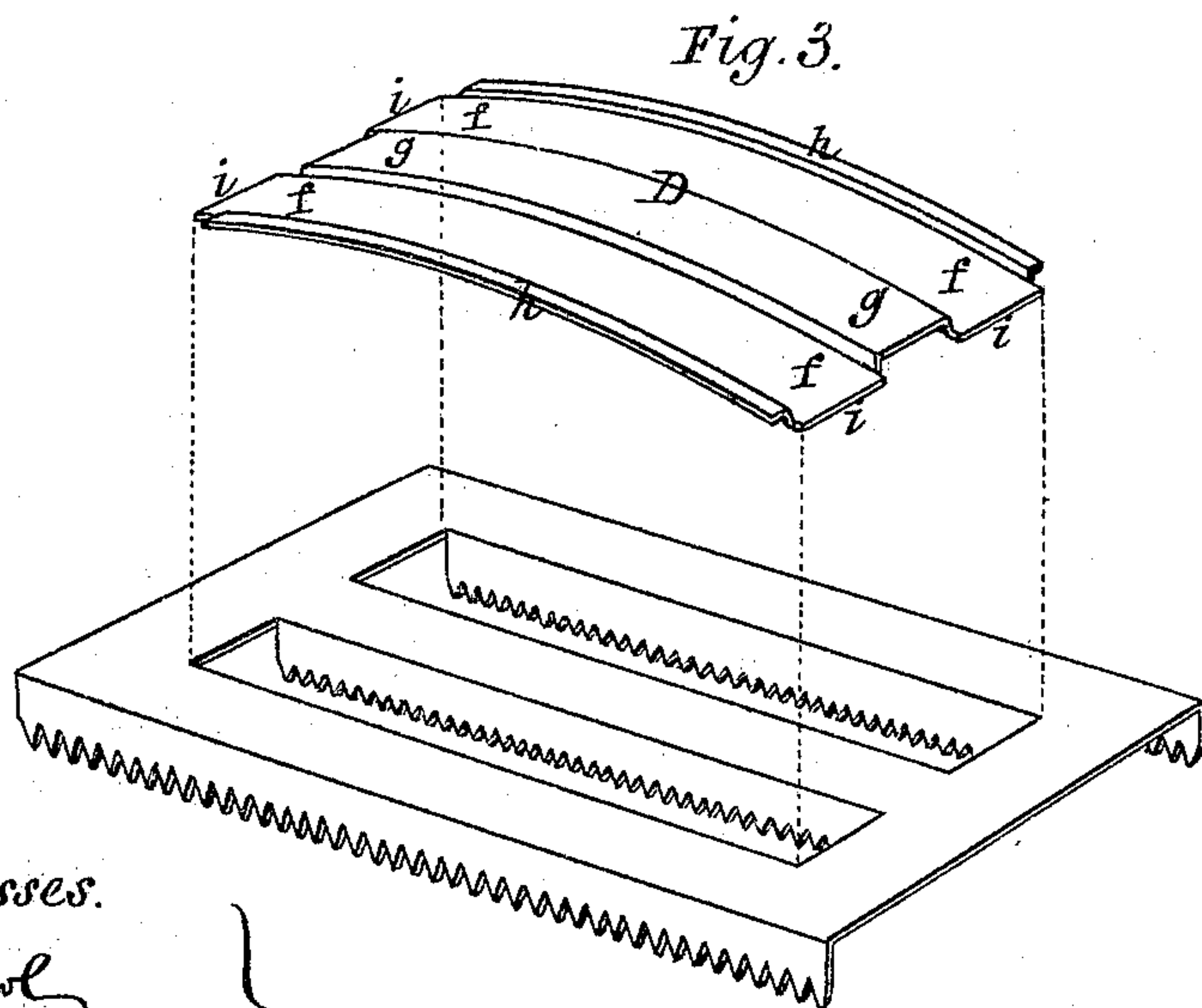
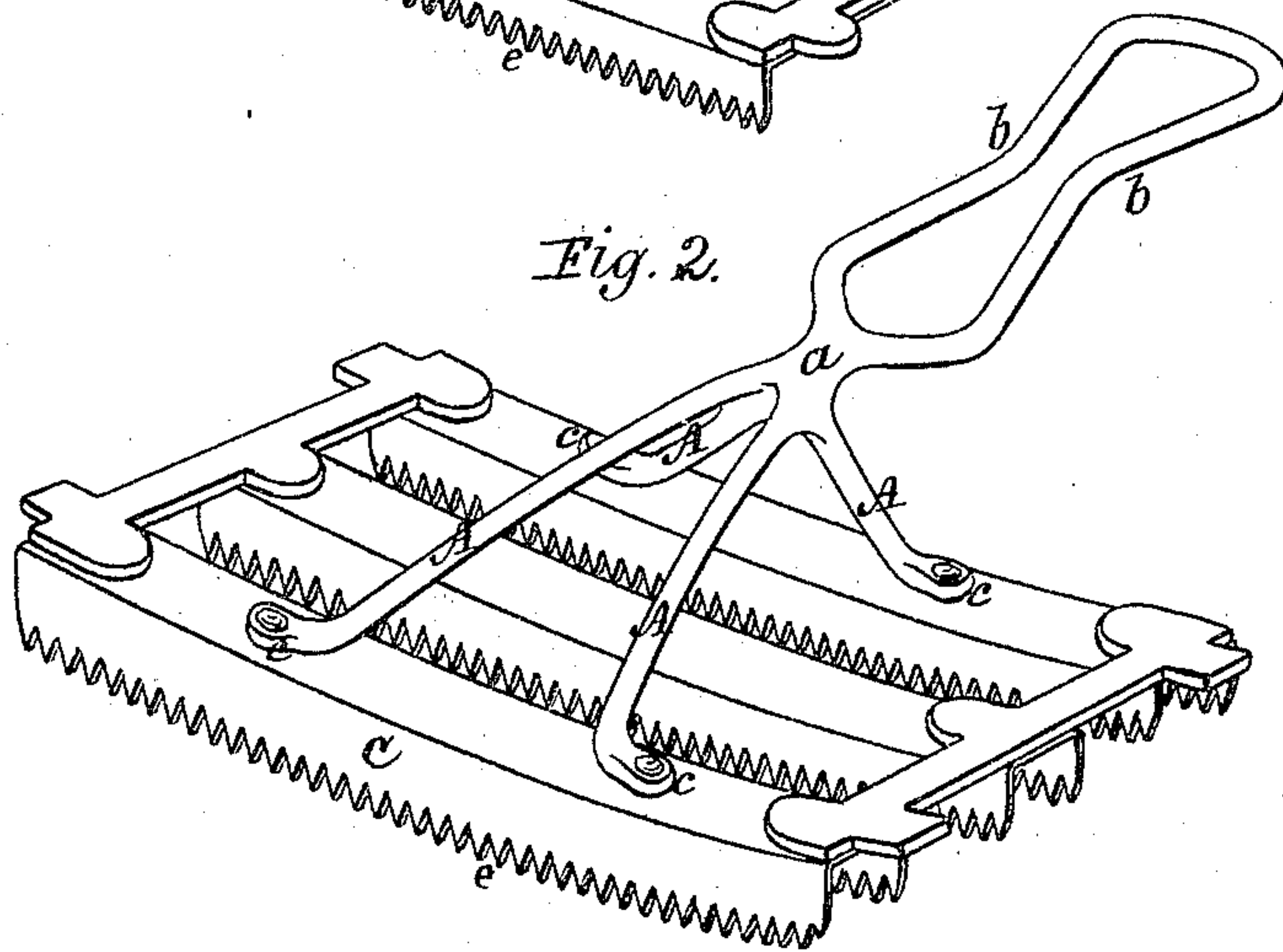
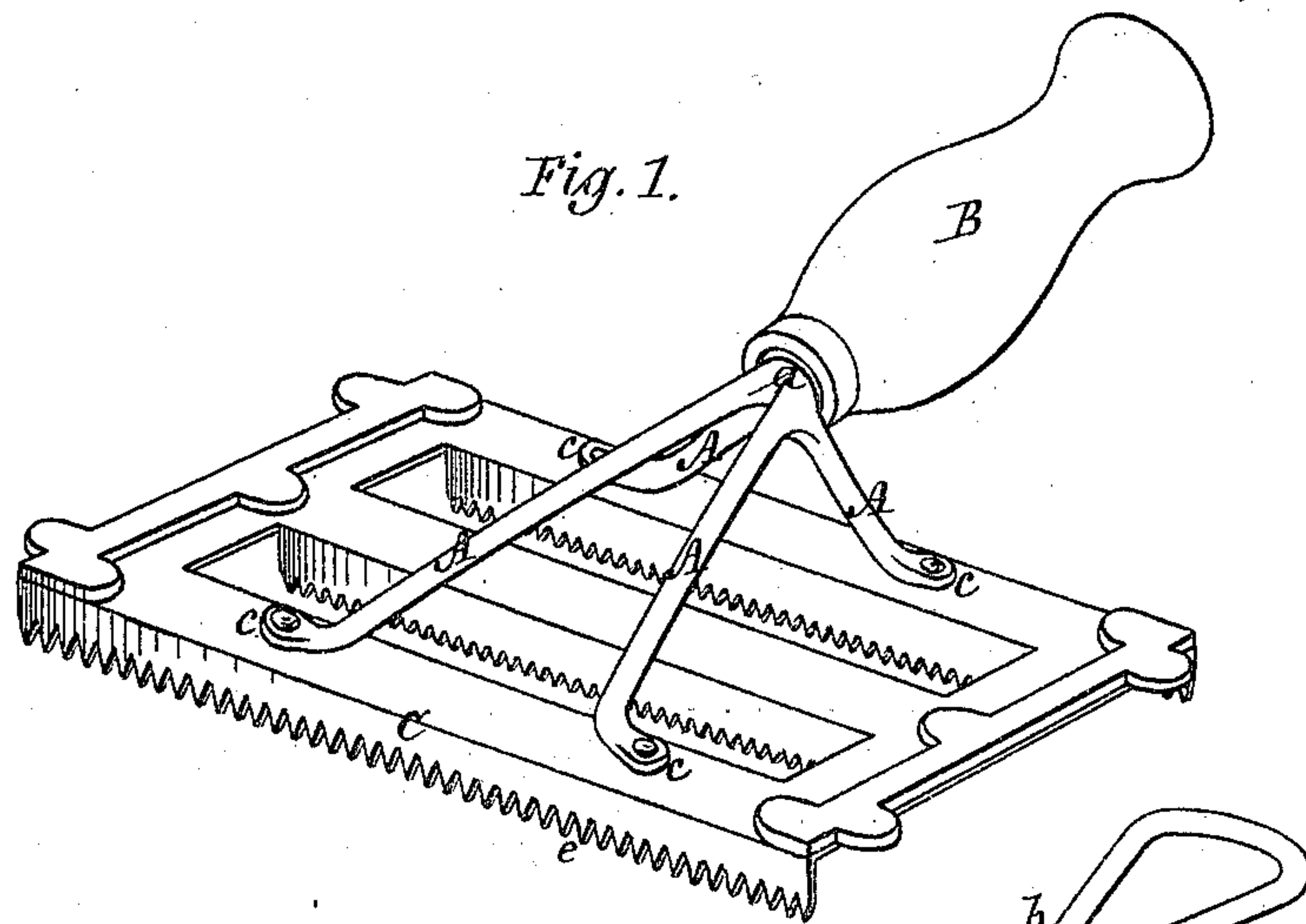


M. SWEET.
Curry-Comb.

No. 223,775.

Patented Jan. 20, 1880.



Witnesses.
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UNITED STATES PATENT OFFICE.

MILES SWEET, OF TROY, NEW YORK.

CURRY-COMB.

SPECIFICATION forming part of Letters Patent No. 223,775, dated January 20, 1880.

Application filed December 21, 1874.

To all whom it may concern:

Be it known that I, MILES SWEET, of Troy, in the county of Rensselaer and State of New York, have invented certain new and useful
5 Improvements in Curry-Combs; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

10 Figure 1 represents, in perspective, one form of curry-comb in which my invention is embraced. Fig. 2 represents, in perspective, a modification of the curry-comb as shown in Fig. 1. Fig. 3 represents, in perspective, the
15 manner of closing up the openings through the body of the curry-comb.

I am aware that a curry-comb has been made with wires running transversely to the comb-plates and returning behind the same
20 to the handle, the four ends of the wires forming a shank upon which the handle is placed. I do not claim the use of wires in any form.

My invention consists in a combined cast-metal shank or handle and "spider," all in one
25 piece and riveted to the body or bars of the curry-comb, as will be explained; and my invention further consists in a back plate for closing the openings between the bars of the curry-comb, which is arched up to place it in
30 position, and locked in place by being bent down to the plane of the back, as will be explained.

To enable those skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawings.
35

A represents a spider, having four legs or braces, all cast together or in one piece of malleable cast-iron, brass, or other metal, and,
40 from where the legs join to what may be termed the "body," *a*, there is further cast, at the same time and in the same piece, a shank or handle, *b*. If a shank, then the handle *B*, as in Fig. 1, is fastened onto said shank, and
45 if a handle, *b*, as in Fig. 2, then no other handle is required. Feet *c* are turned upon the ends of the legs of the spider, by which and through which the latter is riveted to the bars or back of the curry-comb.

Curry-combs as at present manufactured, 50 and as shown in the drawings, have the flanges *C*, on which the teeth *e* are made, formed of or out of a portion of the back or bars of the curry-comb. This leaves openings through between the bars of the back, which are ob- 55 jected to by many users as not confining the dust under the curry-comb. These openings I close up as follows: A thin piece of sheet-iron, tin, or brass, *D*, is rolled or corrugated, as at *f* and *g*, the corrugations *f* being sunken, 60 so as to fit down snugly over the openings, the part *g* being raised, so as to take in the bar between the openings. On the sides or edges of this plate *D* there are flanges *h*, which catch over or on top of the bars, and upon the 65 ends thereof there are short tenons *i*, which slip under the end bars of the curry-comb, and these side and end flanges firmly hold the plate to the back when the plate is set down into its position. The plan of inserting this 70 plate into its seat or position is as follows: The plate is arched, as shown in Fig. 3, so as to bring its projections or tenons *i* within the extremities of the openings to be covered or closed up, as shown by the dotted lines. The 75 plate thus arched is laid upon the back of the curry-comb, and said plate is then pressed down into a flat condition by a die or tool of any kind, which drives the projections *i* under, and the flanges *h* and corrugations *f g* 80 over, the bars, and so locks it in position.

The form of the spider or braces shown in Figs. 1 and 2 presents many advantages over other handles or handle-connections now in use. The braces *A*, being of a round or wire 85 form, present no angular edges to chafe the hand of the user. The braces under the tang or body *a* present a broad support for the side of the hand or for the thumb of the operator to bear against. The diverging braces across 90 the comb-bars present, also, a broad grasp devoid of angular edges, and all the legs of the spider being thus inclined and attached to the back of the comb, as shown, brace the whole device in the most effective manner. 95

Having thus fully described my invention, what I claim in the manufacture of curry-combs is—

1. In combination with the back or serrated bars of a curry-comb, the wire-formed spider having two divergent braces under the body *a*, and two divergent braces located over and
5 across the comb-bars, each brace separately riveted to the back, and all the braces cast in one piece, together with the shank or handle, substantially as and for the purpose described.
2. The plate D, for closing up the openings between the bars of the curry-comb, when made
10 with tenons and projections, and put and fastened in its place as described and represented.
MILES SWEET.

Witnesses:

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