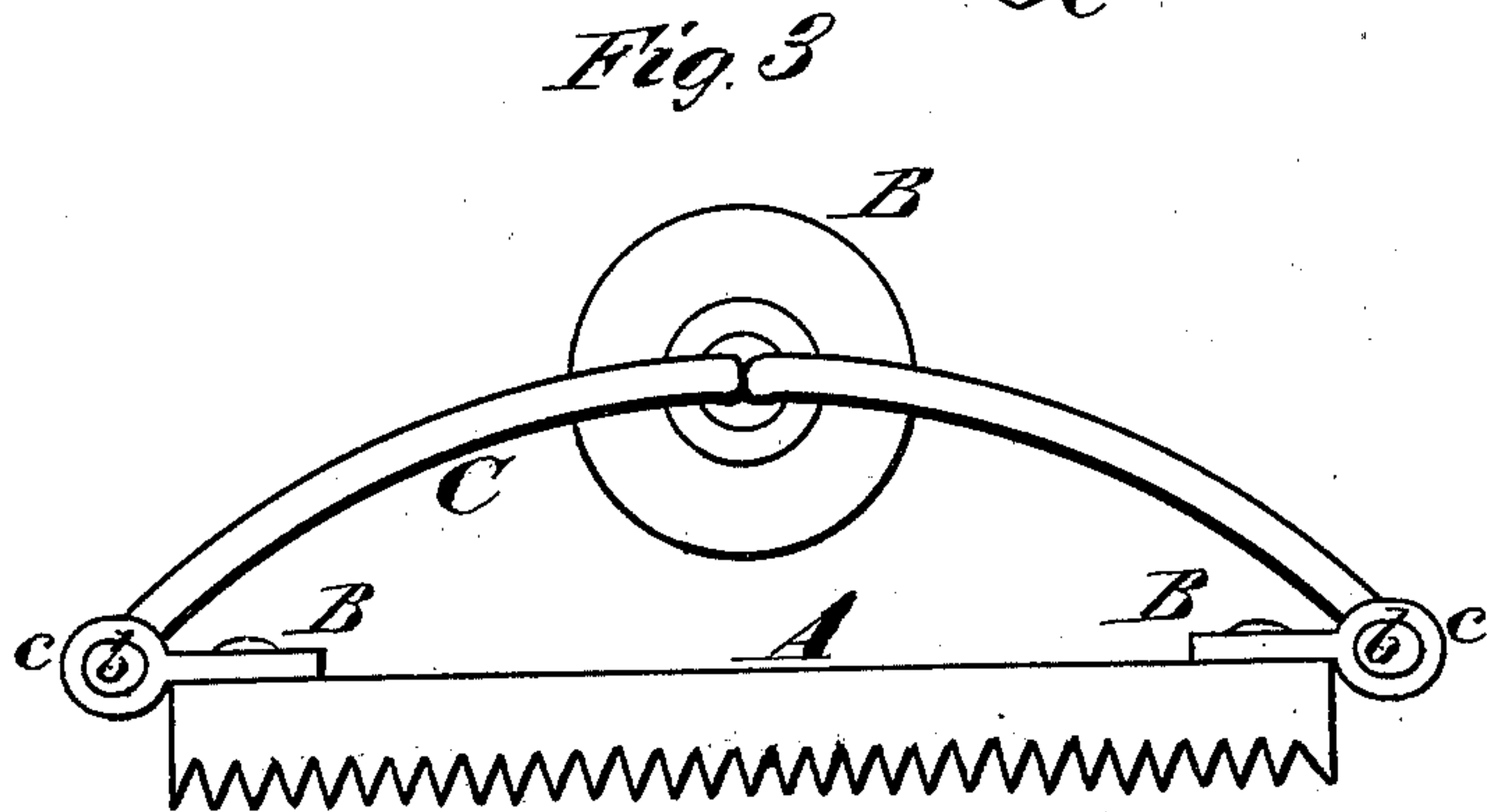
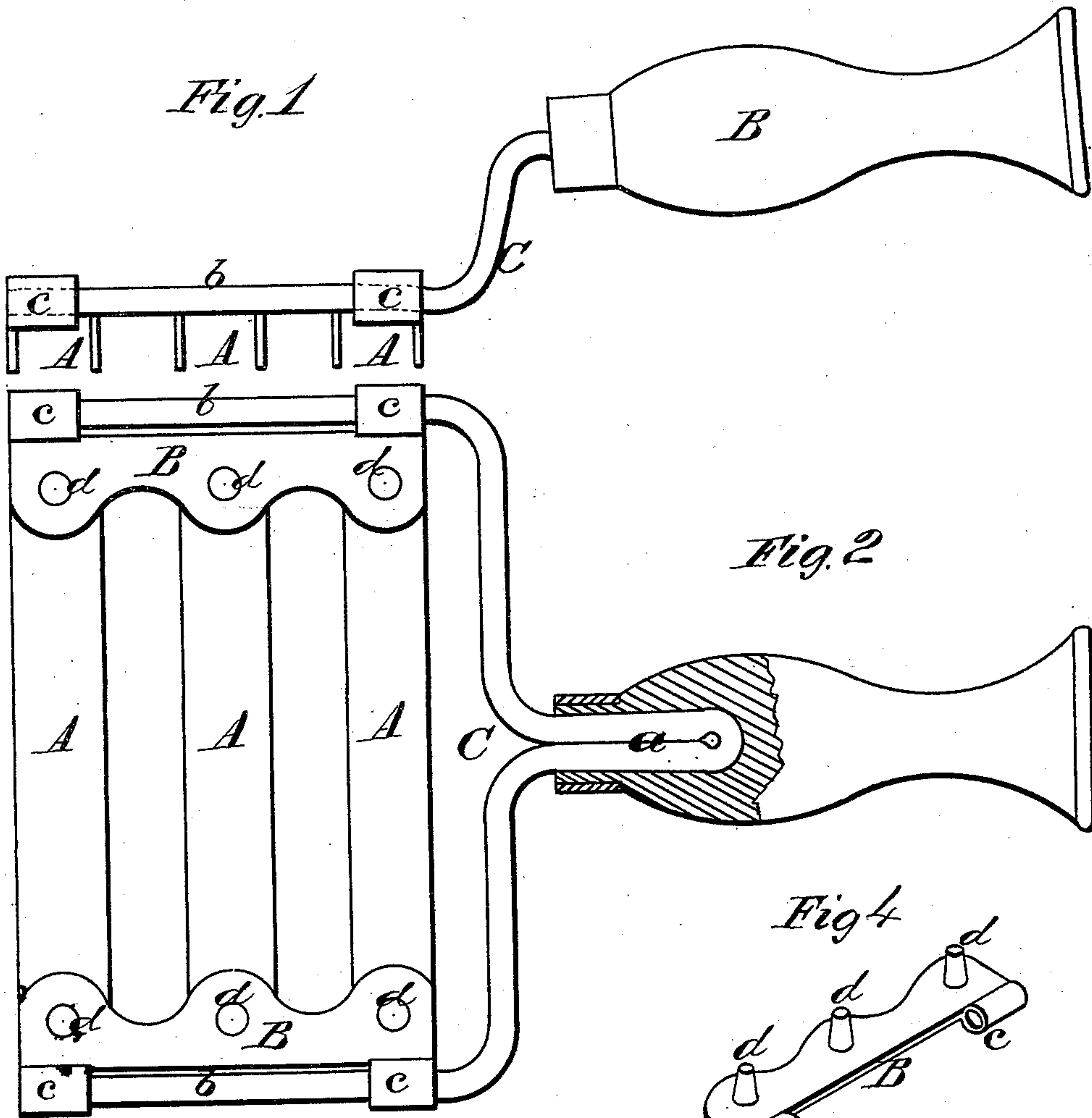


C. A. HOTCHKISS.

CURRY-COMB.

No. 170,736.

Patented Dec. 7, 1875.



WITNESSES
E. H. Bates
Walter B. Maci

INVENTOR
Charles A. Hotchkiss.
Chipman & Son

ATTORNEYS.

UNITED STATES PATENT OFFICE.

CHARLES A. HOTCHKISS, OF BRIDGEPORT, CONNECTICUT.

IMPROVEMENT IN CURRY-COMBS.

Specification forming part of Letters Patent No. **170,736**, dated December 7, 1875; application filed October 23, 1875.

CASE D.

To all whom it may concern:

Be it known that I, CHARLES A. HOTCHKISS, of Bridgeport, in the county of Fairfield and State of Connecticut, have invented a new and valuable Improvement in Curry-Combs; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side view of my curry-comb, and Fig. 2 is a plan view thereof. Fig. 3 is an end view of the same, and Fig. 4 is a perspective view of one of the end pieces.

This invention has relation to curry-combs, which have either open or close backs, wherein a wire-shank frame is used for attaching the handle to the comb.

The nature of my invention consists in improving such curry-combs as I have above referred to by cast-metal end bars, having unbroken eyes on their edges, and rivet-blanks on their sides, said eyes being adapted to receive the parallel rods of the shank-frame, and, when pressed upon these rods, to rigidly secure the shank-frame to the comb, and also serve as knockers while cleaning the comb, as will be hereinafter explained.

The curry-comb which I have represented in the annexed drawings is composed of parallel toothed-bars A, cast-metal end pieces B B, a wire shank-frame, C, and a wooden handle, D. The toothed bars A are formed of sheet metal, in the usual well-known manner, and are riveted to the end pieces B B, so as to form a rigid frame. The frame C is formed of wire, and is secured by its tang *a* into the wooden handle D. The straight parallel portions *b b* of the frame C are passed through

tubes or eyes *c*, which are on the end pieces B B, and are firmly secured in these eyes *c* by mashing or pressing the latter upon the rods *b b*.

The novel feature of my invention is using end plates having unbroken or solid eyes cast on them, which eyes are reamed out, and the rods *b b* slipped through them, after which the eyes are mashed down on the rods to fix them.

Broken or split eyes have been formed on the end pieces of curry-combs, which eyes are merely closed around the rods of the shank-frame, and do not hold with sufficient firmness. The eyes which I construct on the end pieces B B are not broken, and consequently have no weak places to give away when the curry-comb is used.

The studs *d d* which form the rivet-connections of the end plates are cast entire with these plates, and are clinched during the process of securing the toothed bars to said plates. At the same time the eyes are closed tightly on the rods of the shank-frame.

By making the eyes as above stated, they can be used as knockers in cleaning the curry-comb without liability of loosening the frame C.

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

In a curry-comb having cast-metal end pieces B B, the unbroken eyes C, formed on said end pieces in the act and process of casting, as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

CHARLES A. HOTCHKISS.

Witnesses:

GEORGE E. UPHAM,
WALTER C. MASI.