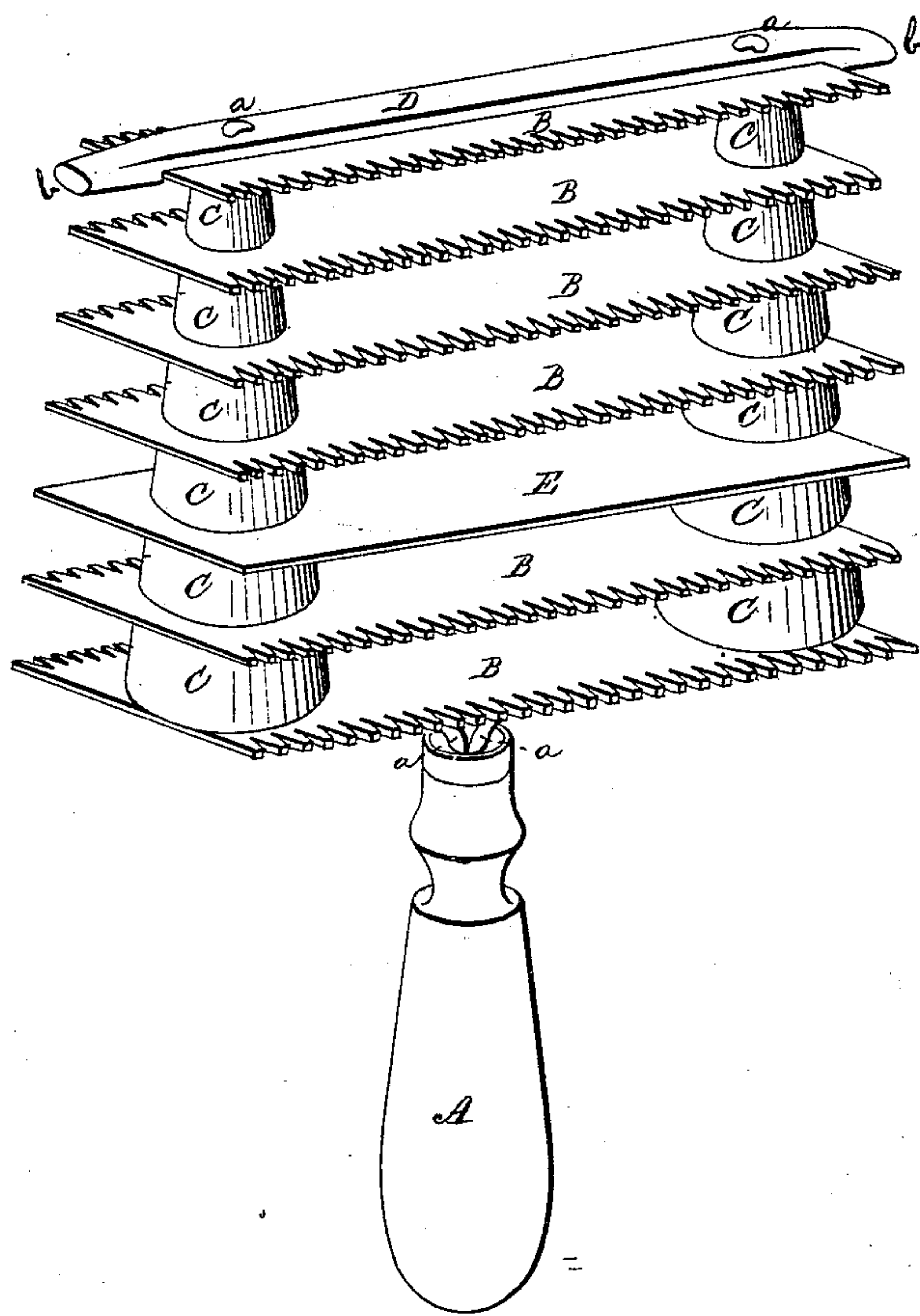


S. A. MORTON.
Curry-Combs.

No. 145,891.

Patented Dec. 23, 1873.



Witnesses
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UNITED STATES PATENT OFFICE.

SIDNEY A. MORTON, OF WADESBOROUGH, NORTH CAROLINA.

IMPROVEMENT IN CURRY-COMBS.

Specification forming part of Letters Patent No. **145,891**, dated December 23, 1873; application filed June 10, 1873.

To all whom it may concern:

Be it known that I, SIDNEY A. MORTON, of Wadesborough, in the county of Anson and State of North Carolina, have invented certain new and useful Improvements in Curry-Combs; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a curry-comb, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, which represents a perspective view of my curry-comb.

A represents the handle, which is made of wood, turned and bored through the center for the passage of iron rods *a a*, said rods being passed through the handle and fastened at the end thereof by being riveted over a burr or circular plate of suitable metal. At the other end of the handle A the rods *a a* are bent outward in opposite directions, and then forward again. The rods are then passed through a series of toothed plates, B B, turned blocks C C, and a strengthening-bar, D, and the ends of the rods riveted or otherwise fastened over the strengthening-bar. This strengthening-bar D projects about half an inch beyond the ends of the toothed bars, and is about half the width of the last toothed bar of the series, and the ends *b b* of the bar D furnish a means for cleaning the comb from dirt and dust, by striking the ends, or either of them, against some hard substance and jarring the comb. The rods *a a* extend through the handle and through each plate, B and E, and each block C and the bar D. Thus, by the rods alone, the handle, plates, blocks, and bar are securely bound together from one end of the implement to the other.

The plates B B may be made of iron, steel, brass, or other suitable material, and have teeth formed upon both edges, as shown, and have also holes punched through them for the

passage of the rods *a a*. These plates gradually decrease in width from the handle outward, making a regular taper when put together.

It will be observed that by this peculiar arrangement of plates a greater pressure is brought to bear upon the first one, which gradually decreases outward, the effect being that, while the wide plate will rake up and loosen the dirt upon the animal, the others follow in quick succession with diminishing pressure, not only effectually removing the loosened hair and dirt, but also imparting a more agreeable sensation to the animal while undergoing the process of currying.

The turned and bored blocks of wood C C are of such length as to keep the toothed plates a proper distance apart when fastened together.

The instrument is put together by first slipping the widest toothed plate B on the rods or wires *a a*; then one of the wooden blocks C on each of the rods down against the plate; then the next plate in width; then two blocks, and so on until all are on, when the strengthening plate or bar D is slipped on in like manner and pressed against the last toothed plate, when the ends of the rods are fastened, as above described, holding the whole together.

The plates may be of any suitable material, and any number desired may be used, according to quality of comb; and, instead of two small wooden blocks between the toothed plates, a piece of wood the length of the plate and bored through laterally may be used, when it is desired to close all or parts of the space between the plates.

Blank plates, as shown at E, may be placed between the toothed plates, if so desired, and the toothed plates may be either straight or oval.

The comb thus made is simple of construction, strong, and forms, in fact, two curry-combs, which may be made one coarse and one fine.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The curry-comb herein described, consisting

of the series of plates B of gradually-decreasing width, the rods *a a*, and bar D, the rods extending through the handle, plates, and blocks, binding the parts securely together, all constructed and arranged as and for the purpose specified.

In testimony that I claim the foregoing as

my own I affix my signature in presence of two witnesses.

SIDNEY A. MORTON.

Witnesses:

W. O. ROSE,
J. T. HORNE.