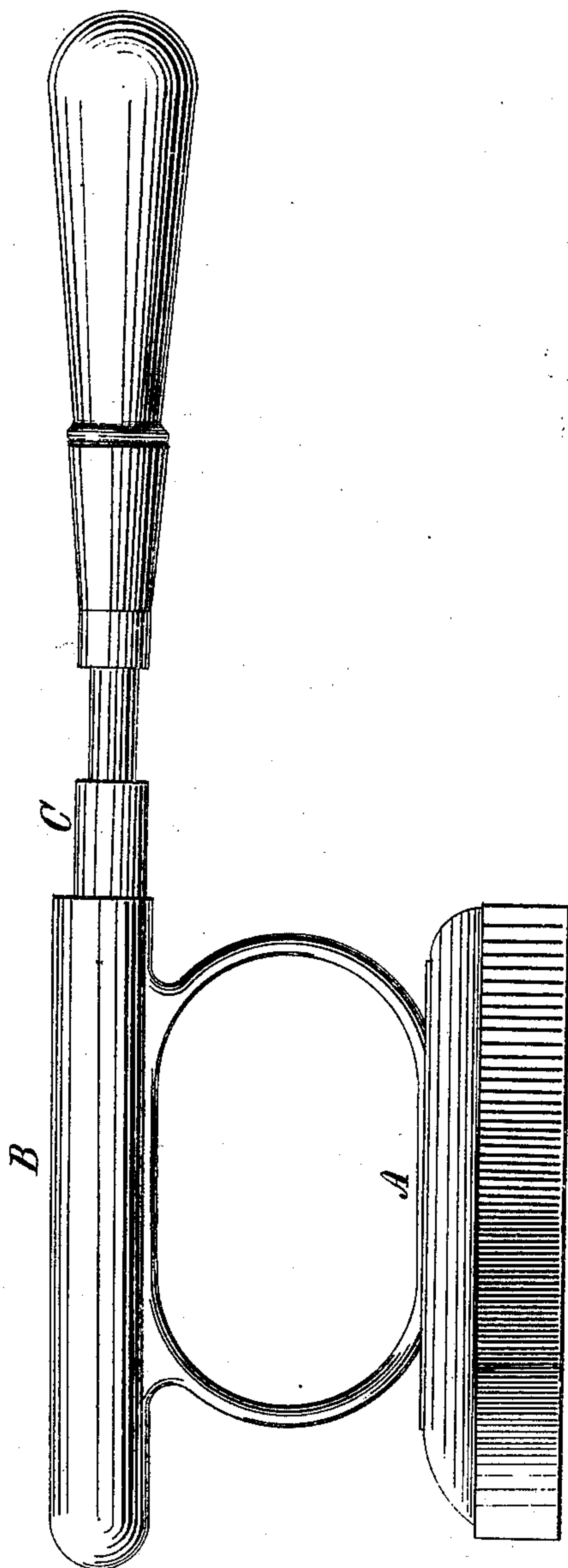


Armstrong & Dudley,

Fluting Iron.

No. 113720.

Patented Apr. 18. 1871.



Witnesses.
Albert M. Moore
Albert, Holloway

Inventors.
Aaron R. Armstrong
Charles S. Dudley } *by*
Abel T. Ashton their Attorneys.

UNITED STATES PATENT OFFICE.

AARON R. ARMSTRONG AND CHARLES S. DUDLEY, OF NASHUA, N. H.

IMPROVEMENT IN SMOOTHING AND RUFFLE IRONS.

Specification forming part of Letters Patent No. **113,720**, dated April 18, 1871.

We, AARON R. ARMSTRONG and CHARLES S. DUDLEY, both of Nashua, in the county of Hillsborough and State of New Hampshire, have invented certain Improvements in Smoothing and Ruffling Irons, of which the following is a specification:

Our invention relates to the construction of a smoothing-iron in such a manner that the handle of the same, being hollow, shall also serve the purpose of a ruffling-iron.

The accompanying drawing represents our invention.

A is a smoothing-iron, of any ordinary construction, to which is attached the ruffling-iron or handle B. C is a heater, of ordinary construction, a part of which, as represented, is concealed in the hollow handle or ruffling-iron B.

After the smoothing-iron has been used it is frequently desirable to use a ruffling-iron on such portions of the clothing as cannot be operated upon by the smoothing-iron, and heretofore a separate iron has been used for this purpose.

In order to render the ruffling-iron firm when in operation it has been necessary to make the base or support for such iron very

heavy. This, of course, greatly increases the expense of said ruffling-iron, while in my invention, by forming the handle of the smoothing-iron in the manner before stated, we are enabled to produce a combined smoothing and ruffling iron at a trifling increase in the cost over the smoothing-irons commonly used.

The ruffling-iron is soon heated by means of the heater, and, after removing the said heater, as quickly cools, so that the handle, by being hollow, is an actual improvement in itself over those which are solid and in common use, which become heated from contact with the smoothing-iron and retain their heat for considerable time afterward, causing thereby great inconvenience to the operator.

We claim as our invention—

The combination of the smoothing-iron A with the ruffling-iron B, constructed and arranged substantially as and for the purpose set forth.

AARON R. ARMSTRONG.
CHARLES S. DUDLEY.

Witnesses:

ABEL T. ATHERTON,
ALBERT M. MOORE.