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WILLIAM C. McINTIRE.

Improvement in Hair Blowing Attachments for Shears.

No. 118,625.

Patented Aug. 29, 1871.

Fig. 1.

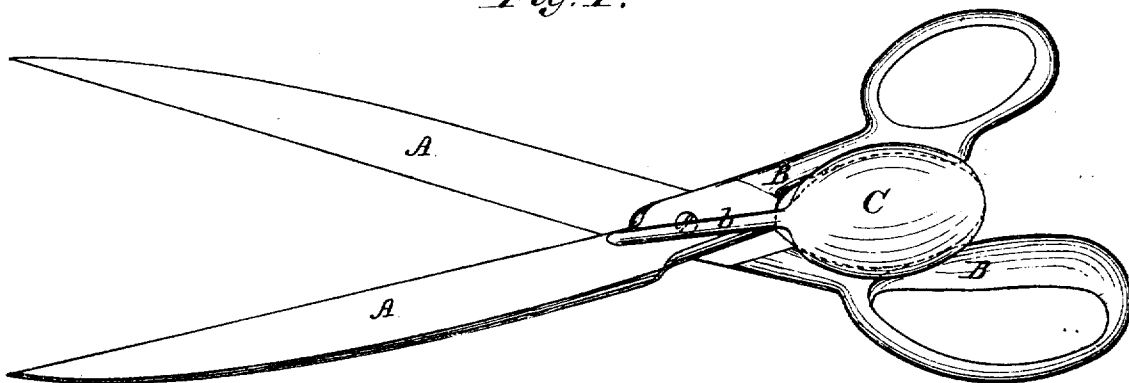


Fig. 2.

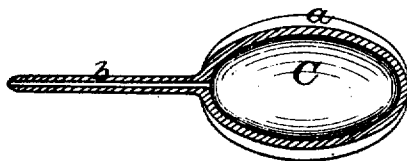
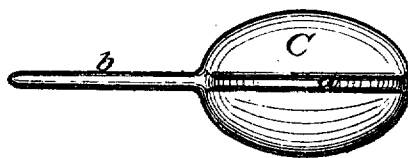


Fig. 3.



Witnesses:

C. W. Handy
W. L. Davis

Wm. C. McIntire Inventor.

UNITED STATES PATENT OFFICE.

WILLIAM C. MCINTIRE, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN HAIR-BLOWING ATTACHMENTS FOR SHEARS.

Specification forming part of Letters Patent No. 118,625, dated August 29, 1871.

To all whom it may concern:

Be it known that I, WILLIAM C. MCINTIRE, of Washington city, in the county of Washington and District of Columbia, have invented certain new and useful Improvements in Hair-Blowing Attachment for Shears; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing making a part of this application.

My invention has for its object to provide a means for removing hair when cut by shears, more particularly such as used by barbers; and consists in applying behind the rivet of the shears, and between the levers, a rubber ball, provided with a means for securing it in place, and having a nozzle arranged in line with the cutting-edge of either blade, so that a current of air is forced in said direction and blows away the hairs as they are cut.

To enable those skilled to make and use my said invention, I will proceed to describe its construction and operation, referring by letters to the accompanying drawing, in which—

Figure 1 is a side view of an ordinary pair of barber's shears with my improvement attached. Fig. 2 is a central section at the line *xx*, Fig. 3; and Fig. 3 is a side view of the rubber ball at right angles to that shown at Fig. 2.

Similar letters of reference denote the same parts in the several figures.

A represents the blades of a pair of shears, and B the handles. C is a rubber ball, which may be of the shape shown, or any other better adapted for the use it is intended for. On two sides of the ball creases, *a*, are formed, while the rubber is in a plastic state, adapted to receive the handles B of the shears, as shown, whereby the ball is held in place. This ball C has at one

end a nozzle or pipe, *b*, either straight, as shown, or curved, to give any desired direction to the current of air which is forced through it.

The operation is as follows: The ball is taken between the thumb and fingers and slightly compressed, and then located between the handles B, and when the pressure is relieved the handles of the shears find their way properly into the creases *a* and hold the ball in position, while the ball, by its elastic properties, forces apart the handles, thus opening the blades A. When the blades are forced together the ball is compressed and a current of air is forced through the nozzle *b*, and along the cutting edge of the blade, blowing away the hairs as fast as they are cut.

This invention is designed for use when clipping the short hairs upon the neck of a person, and to prevent their dropping inside the collar and down the neck, although it may be advantageously used under any circumstances. The blowing apparatus may likewise be advantageously employed in other cutting-shears; and I do not, therefore, wish to limit my invention to its combination with barbers' shears; but having described the construction and operation of my hair-blowing attachment,

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

The combination and arrangement, with a pair of shears, of a blowing apparatus, substantially such as shown and described, for the purpose set forth.

Witness my hand and seal this 24th day of July, A. D. 1871.

WM. C. MCINTIRE. [L. S.]

Witnesses:

JNO. D. PATTEN,
JAMES L. NORRIS.

(No. 30.)