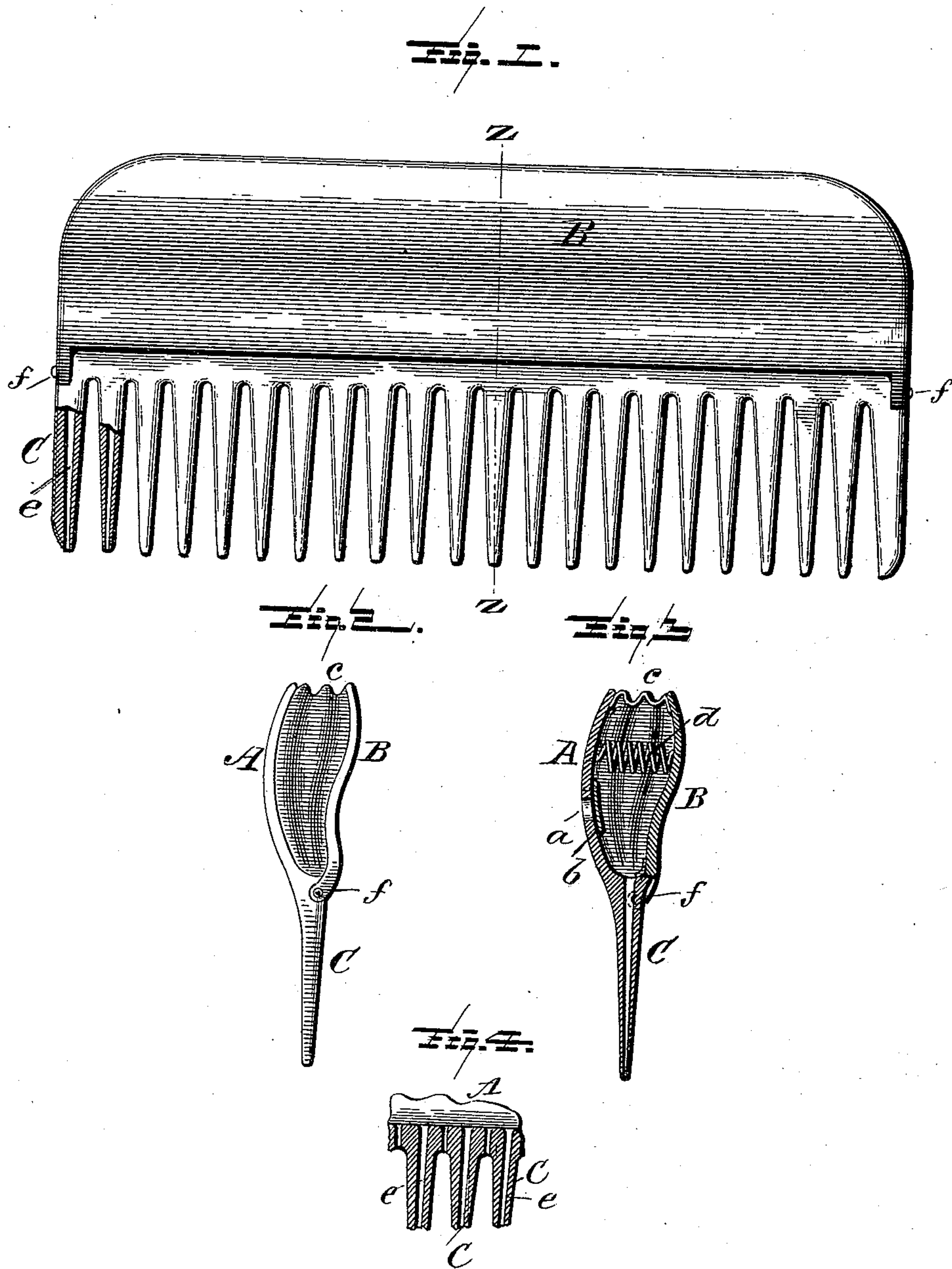


(No Model.)

E. LAWSON.
TOILET COMB.

No. 450,162.

Patented Apr. 14, 1891.



Witnesses
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UNITED STATES PATENT OFFICE.

EUGENE LAWSON, OF WILKES-BARRÉ, PENNSYLVANIA.

TOILET-COMB.

SPECIFICATION forming part of Letters Patent No. 450,162, dated April 14, 1891.

Application filed November 5, 1890. Serial No. 370,380. (No model.)

To all whom it may concern:

Be it known that I, EUGENE LAWSON, a citizen of the United States, residing at Wilkes-Barré, in the county of Luzerne and State of Pennsylvania, have invented certain new and useful Improvements in Toilet-Combs; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference-marked thereon.

Figure 1 of the drawings represents a side elevation of a comb embodying my invention; Fig. 2, an end view thereof; Fig. 3, a vertical section taken on line *z z* of Fig. 1; Fig. 4, a detailed view showing a modification of the discharge-openings for the air.

The present invention has for its object to provide a simple and effective means for drying women's hair after the head of hair has been wet or moistened with water or washed; and the invention consists in providing a suitable comb with a bellows or other air-forcing device, whereby the air may be forced into the body of hair during the operation of combing, as will be hereinafter more fully described.

In the accompanying drawings I have shown a comb, which may be of any suitable construction, size, and shape, and of any desirable material from which combs are usually made.

The back of the comb, or one side thereof, is shown at A, and the opposite side, as shown at B, is hinged or pivoted thereto in any suitable manner, the two sides forming, respectively, the stationary and movable sides of a bellows, suitable springs *d* being interposed between the sides to bring the hinged side back to its normal position after being compressed. The stationary side A has an air-opening *a* through it, which is closed upon the inner side by a suitable valve *b*, and secured to the sides A B is a flexible covering *c* of rubber, leather, or any other preferred material that will form an inclosed air-chamber.

The teeth C of the comb I preferably make hollow, in order to provide a discharge opening or outlet for the air, as shown at *e*.

In using, the comb is taken by the hand in the usual manner, and the teeth thereof brought through the hair in the act of comb-

ing it, and as the pivoted or hinged side is compressed the air in the bellows will be forced out through the openings in the hollow teeth and into the mass of hair being combed, which will effectually dry it of its moisture.

The bellows shown is one of common construction, and the principle of operation—taking in and discharging the air—is the same as in all bellows of similar kind, and although I have shown one form of bellows, in order to better illustrate the application of my invention to a comb, I do not wish to be confined thereto, as it is evident that any suitable air-forcing device provided with an inlet-valve may be used without departing from the principle of my invention, which consists in applying to a comb of any preferred construction a suitable means for discharging and expelling air into the body or mass of hair while being combed. It is also evident that in place of making the teeth hollow the discharge-openings may be between the teeth, as shown in Fig. 4, or the comb may be provided with outlets for the air at any part or portion thereof, as found desirable. These two features of the invention—viz., bellows or other air-forcing device and the discharge-outlet for the air from the comb into the body of hair—are susceptible of many modifications or changes without in the least affecting the principle of the invention.

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

1. A comb provided with a bellows or other suitable air-forcing device having an inlet-valve, substantially as and for the purpose set forth.

2. In a comb, the combination, with the hollow teeth thereof to form discharge-outlets for the air, of a bellows or other air-forcing device having an inlet-valve, substantially as and for the purpose described.

3. The combination, with a comb, of a bellows or other air-forcing device, the sides thereof forming the sides of the comb, substantially as and for the purpose specified.

4. The combination, with a comb having hollow teeth to form discharge-outlets for the air, of a bellows or other air-forcing device in which the sides thereof form the sides of the

comb, substantially as and for the purpose set forth.

5 5. The combination, with a comb having suitable discharge-outlets for the air, of a bellows or other air-forcing device, the sides of which form the sides of the comb, and connected together by a flexible covering to provide an air-chamber, one of said sides being pivoted or hinged and the other having an
10 air inlet and valve, and a suitable spring in-

terposed between the sides, substantially as and for the purpose described.

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

EUGENE LAWSON.

Witnesses:

J. B. EMERY,
WM. SNYDER.