

(No Model.)

H. SAXTON.
CURLING IRON.

No. 502,385.

Patented Aug. 1, 1893.

Fig. I.

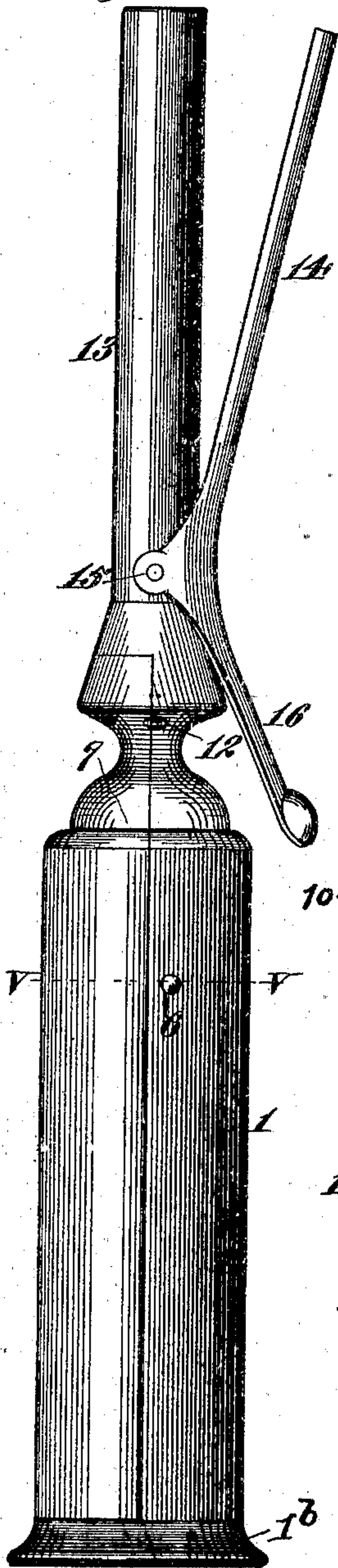


Fig. II.

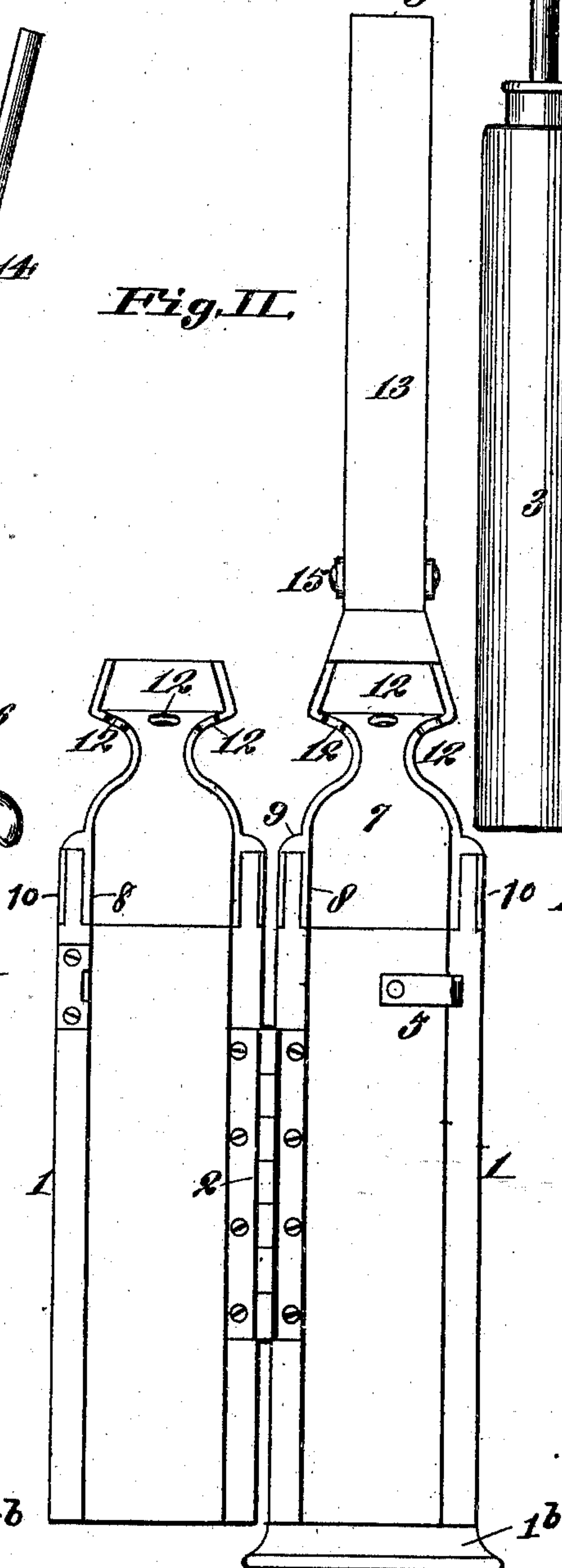


Fig. III.



Fig. IV.

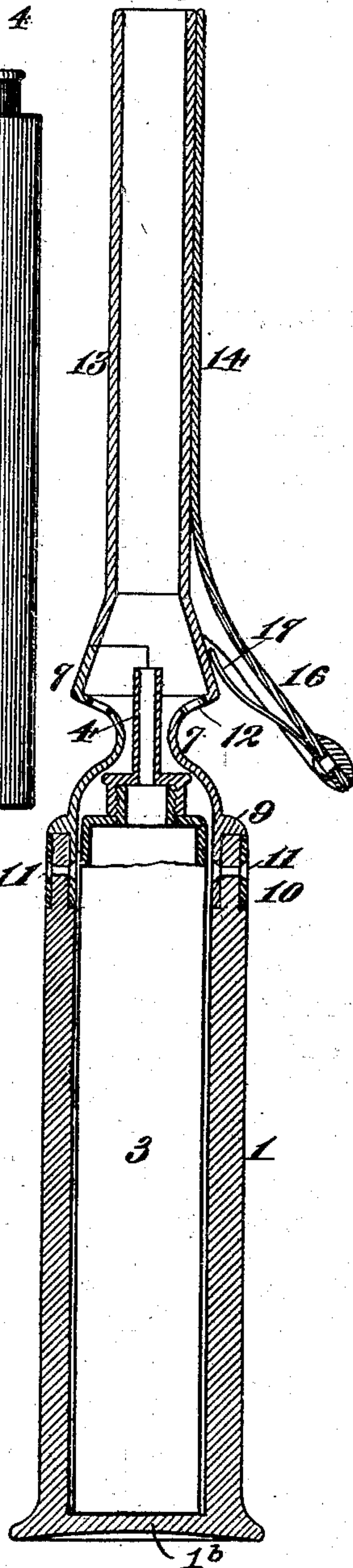


Fig. V.

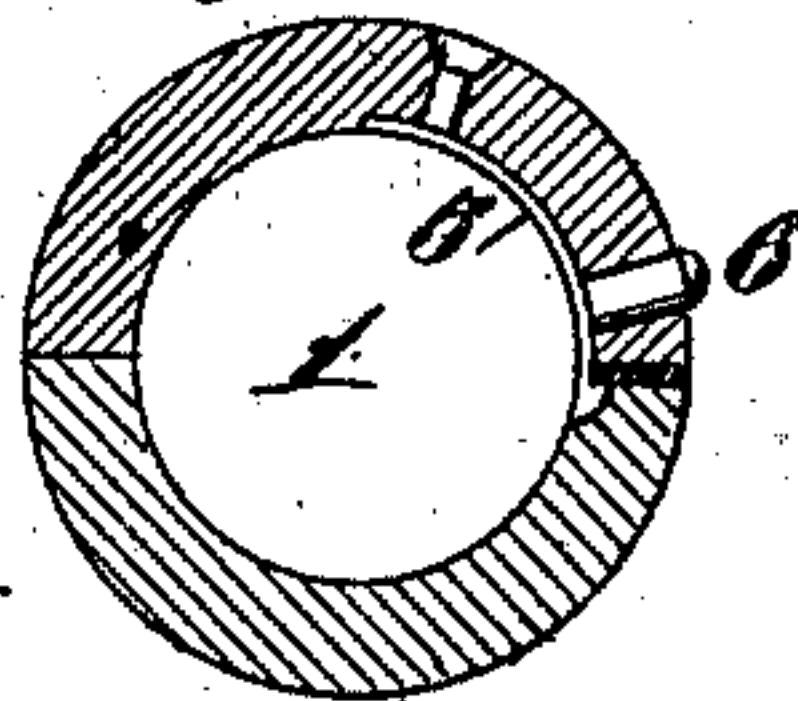
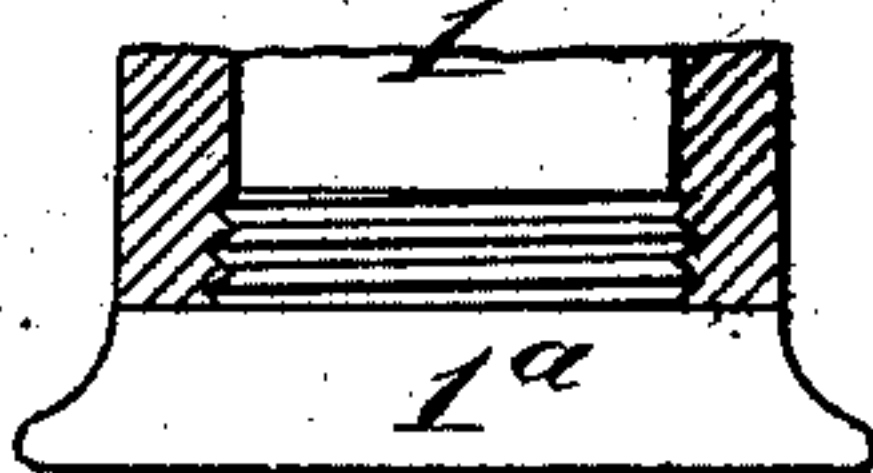


Fig. VI.



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UNITED STATES PATENT OFFICE.

HARRY SAXTON, OF ST. LOUIS, MISSOURI, ASSIGNOR, BY MESNE ASSIGNMENTS, TO JOHN H. OUHRABKA AND MARSHAL P. DRURY, OF SAME PLACE.

CURLING-IRON.

SPECIFICATION forming part of Letters Patent No. 502,385, dated August 1, 1893.

Application filed January 23, 1893. Serial No. 459,358. (No model.)

To all whom it may concern:

Be it known that I, HARRY SAXTON, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Curling-Irons, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to improvements in self-heating curling irons; and my invention consists in features of novelty hereinafter fully described and pointed out in the claim.

Figure I is a side elevation of my improved curling iron. Fig. II is a similar view in outline, showing a section of the handle or body open. Fig. III is an elevation of the lamp holder. Fig. IV is a vertical section. Fig. V is a transverse section, taken on line V—V, Fig. I. Fig. VI shows a modification.

Referring to the drawings, 1 represents the body of the curling iron, which is made in the form of a handle, having a cap 1^b on which a lamp is supported and is made of some material which is a non-conductor of heat. This handle is preferably made in sections, hinged together, as shown at 2, although it may be made of one piece with a screw cap 1^a, as shown in Fig. VI. The handle is made hollow, to receive an oil lamp 3, provided with a nipple 4 to receive a wick, which is ignited when the iron is to be heated. The lamp is inserted into the handle or body of the iron, either by opening the sectional handle or body, as shown in Fig. II, or by removing the cap 1^a shown in Fig. VI. When the handle or body is made in sections, it is provided with a spring-catch 5, which is forced inwardly, when the body or handle is to be opened, by means of a pin 6, projecting through the body, (see Figs. I, II and V.)

7 represents a commingling chamber secured to the handle or body, preferably by having an extension 8 thereon which fits into the body, and having a shoulder or flange 9, which rests against the end of the body, as shown clearly in Figs. III and IV.

10 is a ring or ferrule fitted on the body, opposite the extension 8, and through which rivets 11 pass, which also pass through the body, and through the extension 8. The commingling chamber is thus firmly attached to the body. When the body is made in sections, this chamber is also made in sections, as shown in Fig. II, so as to permit the handle or body to be opened.

12 are perforations in the commingling chamber, to admit air to supply combustion.

13 represents a tube projecting from the chamber 7, around which the hair is coiled in the use of the instrument. This tube is made of metal, and is heated by the lamp 3.

14 is a clamp, clip or jaw hinged to the tube 13, at 15, and having an extension 16 by which it is opened out, as shown in Fig. I, by applying pressure to the extension. The blade is held against the tube, as shown in Fig. IV, when pressure is not applied to the extension 16, by means of a spring 17. When pressure is applied to the extension 16, the clamp is opened out, as shown in Fig. I, to permit the hair to be grasped between the tube and the clamp, when the hair is coiled around the tube and clamp together.

The device forms an inexpensive and durable self-heating curling iron.

I claim as my invention—

In a curling iron, the combination of a hollow handle or body, adapted to receive a lamp, a commingling chamber having an extension adapted to fit in the hollow body, and a flange adapted to bear against the end of the handle or body, a ferrule fitting the end of the handle or body, rivets passing through the extension of the commingling chamber and through the handle or body, and said ferrule, a tube extending from the commingling chamber, and a spring-actuated clamp pivoted to said tube; substantially as and for the purpose set forth.

HARRY SAXTON.

In presence of—

E. S. KNIGHT,

ALBERT M. EBERSOLE.