

(No Model.)

J. H. WALBRIDGE.

POCKET COMB.

No. 258,170.

Patented May 16, 1882.

Fig. 1.

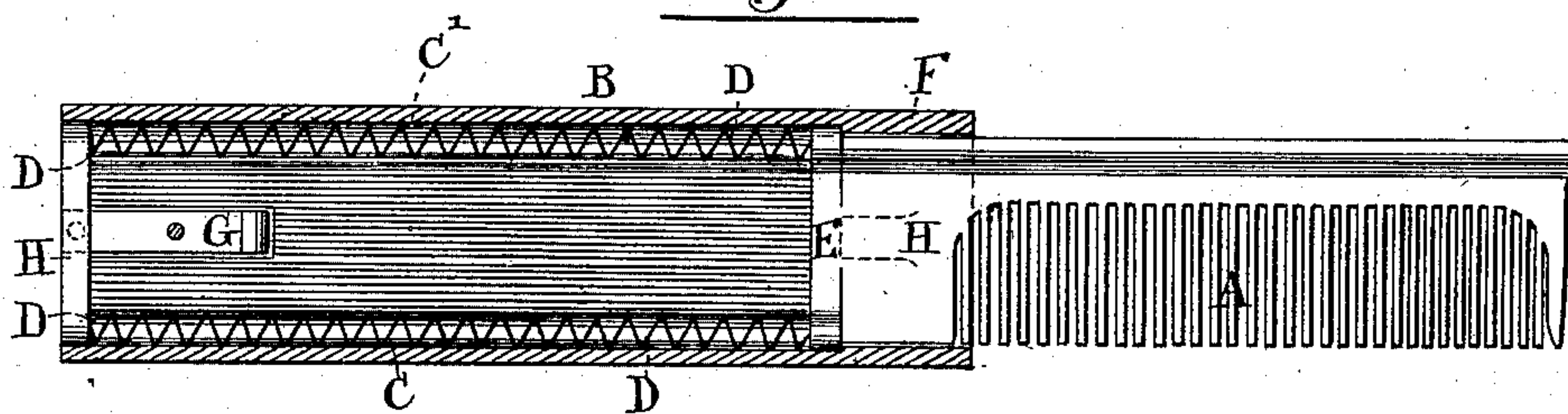


Fig. 2.

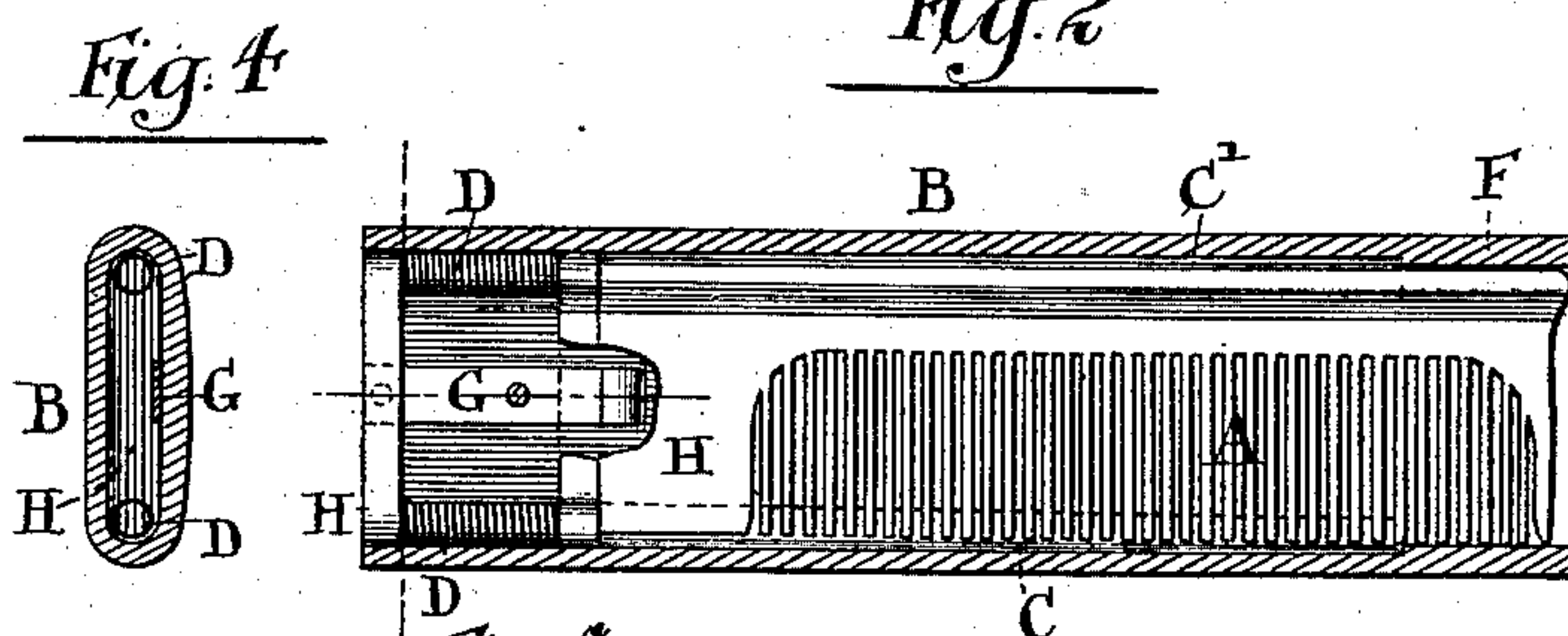


Fig. 4.

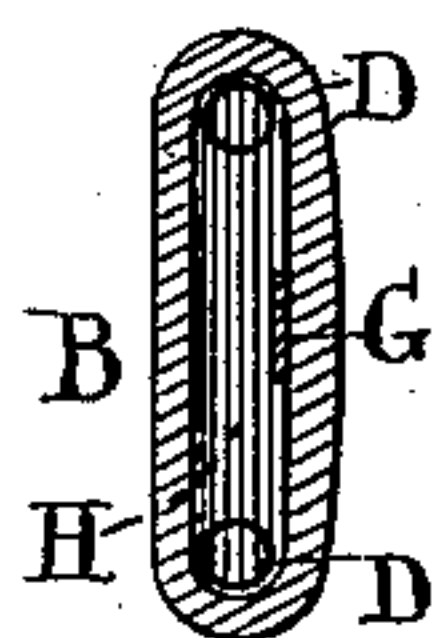
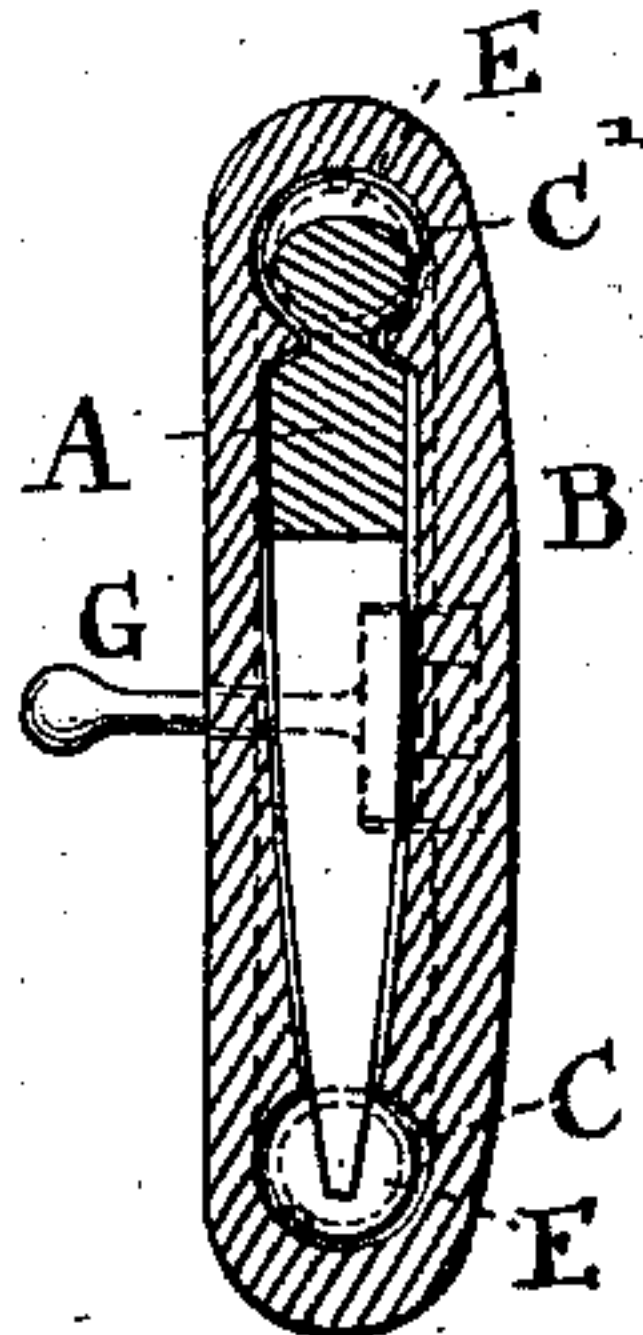


Fig. 5.



Fig. 3.



Witnesses:-

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POCKET-COMB.

SPECIFICATION forming part of Letters Patent No. 258,170, dated May 16, 1882.

Application filed April 6, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. WALBRIDGE, of the city, county, and State of New York, have invented a new and useful Improvement in Pocket-Combs, of which the following is a specification.

The object of the invention is to provide a comb arranged in a case or sheath in suitable and convenient form to be carried in the pocket.

The invention consists in the comb and sheath provided with springs for holding the comb in an extended position, in the formation of the comb and its case, and in the arrangement of a spring-catch for holding the comb when pushed into its case.

In the accompanying drawings, Figure 1 is a vertical longitudinal section of the case or sheath, and a side view of the comb when extended or in position for use. Fig. 2 is a like section of the case, the comb being shown as pushed in and held in that position by the spring-catch. Fig. 3 is a vertical transverse section of the comb and case. Fig. 4 is a vertical transverse section of the case, showing the position of the spiral springs and the head of the case against which they abut. Fig. 5 is a transverse longitudinal section, showing the spring-catch and its relations to the comb and case.

In all the drawings, similar letters of reference represent corresponding parts.

A is the comb. B is the case, made of any suitable material, such as hard rubber, celluloid, wood, bone, ivory, horn, &c. The case B is of flattened elliptical section, and is provided inside with two channels, C C', in which are placed spiral springs D. These springs at one end bear against the back or closed end of the case B, and at the other against the inner end of the comb A, so that their tendency in expanding is to push the comb out of its sheath or case. The inner end of the comb is provided with a suitable enlargement or shoulder, E, and said enlarged portion above and below enters the channels C C'. The channels C C' are contracted at F, and against the shoulders thus formed of the material of the

case the enlargement or shoulder E on the end of the comb abuts when the latter is pushed outward. The comb is thus prevented from being forced by its springs entirely out of the case. The back or upper portion of the comb is made rounded with channels on each side, so as to fit into the channel C' of the case B, and thus prevent the comb from binding upon being projected from the case.

In order to retain the comb in place after it is pushed into its sheath, a spring-catch, G, is attached to the case at one end. The free end of the catch is bent upward, and the projection thus formed enters a notch, H, made in the side of the comb in front of the enlargement E.

The interior of the case B is made large at the top and tapering nearly to a point at the bottom, with the channel C' above and channel C below. The interior of the case is thus rendered approximately the same shape as the comb.

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

1. The combination of a comb having an enlarged or shouldered portion at one end with a case or sheath having formed within it a channel or channels in which said shouldered portion fits and slides, substantially as described.

2. The combination, with a comb and sheath formed and arranged as set forth, of a spiral spring or springs for causing and maintaining the protruding of the comb from the sheath, substantially as described.

3. The combination, with a comb, a sheath, and spiral springs, as described, of a spring-catch for retaining the comb in its sheath, substantially as set forth.

4. The combination of the comb A, sheath B, springs D, and catch G, substantially as described.

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Witnesses:

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