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L. A. HENTER

COMBINED COMB AND CLIP

Filed June 24, 1925

Fig. 1. Fig. 2. Fig. 3. Fig. 4.

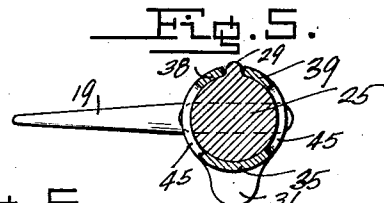
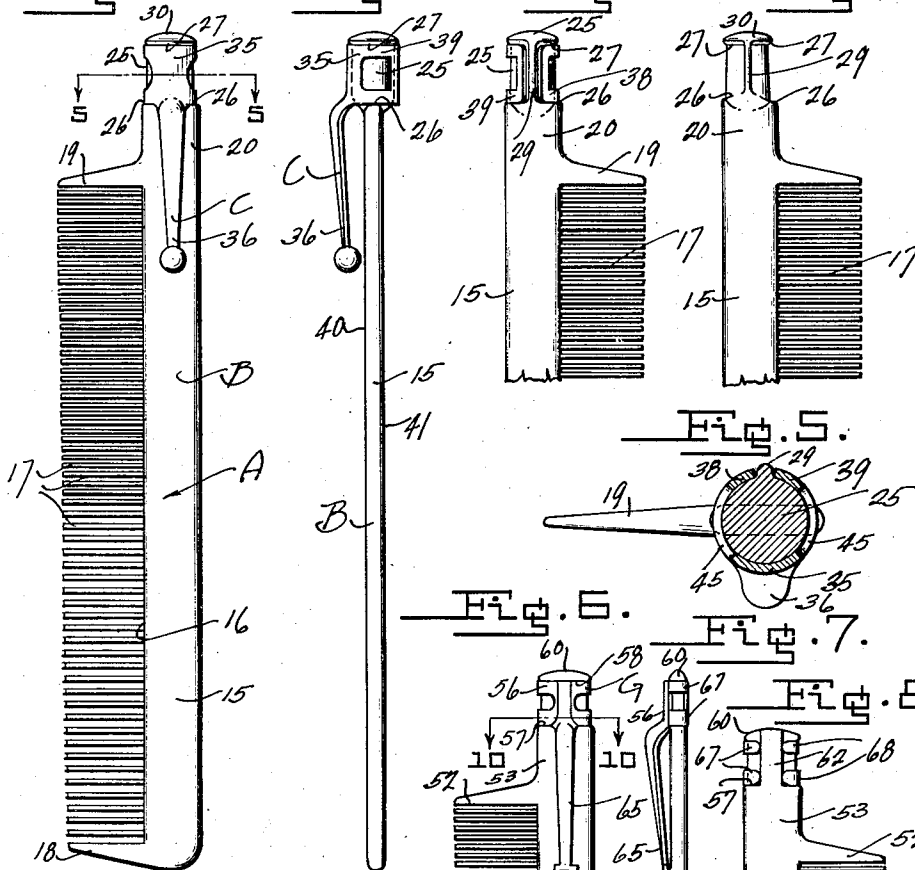


Fig. 6. Fig. 7.

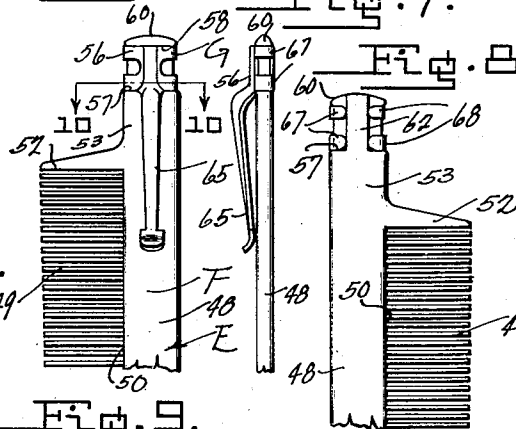


Fig. 11. Fig. 12.

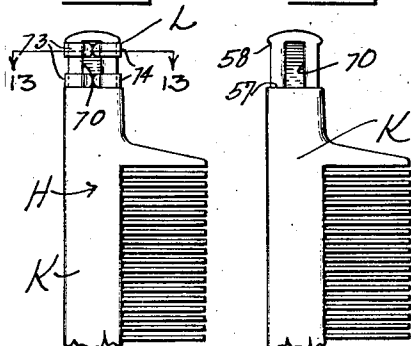


Fig. 9.

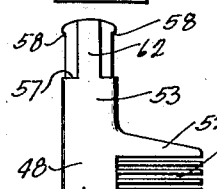
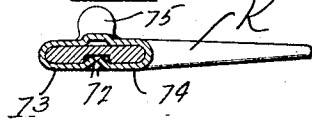


Fig. 10.



Fig. 13.



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COMBINED COMB AND CLIP.

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This invention relates to improvements in combined combs and clips.

The primary object of this invention is the provision of an improved type of clip construction preferably adapted for use upon combs.

A further object of this invention is the provision of an improved comb structure adapted to be used in connection with a clip, whereby a person may attach the comb in a secure position upon a garment, as in a pocket, and with the comb entirely hidden in the pocket, as not to disclose the character thereof.

A further object of this invention is the provision of an improved type of comb, having means formed integral therewith including a metallic clip outwardly from the end teeth of the comb.

Other objects and advantages of this invention will be apparent during the course of the following detailed description.

In the accompanying drawing, forming a part of this specification, and wherein similar reference characters designate corresponding parts throughout the several views,

Figure 1 is a side elevation of the preferred form of improved comb and clip.

Figure 2 is a rear edge elevation of the combined comb and clip.

Figure 3 is a fragmentary side elevation of the combined comb and clip, showing the side opposite to that illustrated in Figure 1.

Figure 4 is a fragmentary end view of the comb, showing novel construction thereof to receive a metallic clip.

Figure 5 is a cross sectional view taken substantially on the line 5—5 of Figure 1.

Figure 6 is a fragmentary side elevation of an end of a modified form of comb and clip.

Figure 7 is a rear edge elevation of the comb and clip as illustrated in Figure 6.

Figure 8 is a side elevation of an end of the comb and clip illustrated in Figure 6, showing the opposite side from that illustrated in Figure 6.

Figure 9 is a fragmentary side elevation of the end of the comb with the clip removed, showing the form of comb illustrated in Figures 6 to 10 inclusive.

Figure 10 is a sectional view taken substantially on the line 10—10 of Figure 6.

Figure 11 is a side elevation of a further modified form of comb and clip.

Figure 12 is a side elevation of the comb as illustrated in the form shown in Figure 11, with the clip removed.

Figure 13 is a cross sectional view taken substantially on the line 13—13 of Figure 11.

In the drawing, wherein for the purpose of illustration is shown only a preferred embodiment of this invention, the letter A may generally designate the preferred form of invention which consists of a comb B and clip C; E a modified form of combined comb and clip which consists of a comb F and a clip G; H a further modified form of invention which consists of a comb K and clip L.

In the preferred form of invention A, the comb B is preferably formed of any approved material, such as metal, although preferably hard rubber, pyroxyline, or the like. It consists of a back 15, laterally from one side edge 16 of which a series of teeth 17 extend. The series of teeth 17 end with relatively large reinforcing and protecting teeth 18 and 19, as in common occurrence. The back 15 is extended beyond the end tooth 19, at a portion 20, and at the extremity of the extending back portion 20, the same is integrally provided with a clip supporting head or shank 25, of substantially cylindrical formation, and of a diameter greater than the thickness of the back 15 or its extension 20, so that the said clip attaching head 25 extends laterally beyond the opposite side edges of the back 15 and extension 20, as illustrated in Figure 2 of the drawing. The head 25 is formed in a novel manner to provide lower shoulder abutments 26, and an upper annular rib or projection 27 which faces the shoulders 26, and also provides a shoulder to receive an attaching portion of the clip C, as will be subsequently described. A retaining rib 29 extends longitudinally from the shoulder or rib 27, along the head 25, to a point adjacent the projecting shoulders 26, for cooperation with the clip C, as will be now set forth. The head 25 at its top edge 30 is preferably convexly arcuated.

The clip C is preferably of somewhat conventional type, being of metal, and comprising an attaching portion 35, to which a clip tongue 36 is resiliently connected. The attaching portion 35 is in reality a split sleeve which has the segmental shaped clamping jaws 38 and 39 extending from opposite sides of the tongue 36, in sleeve-like ar-

rangement for gripping about opposite sides
 of the head 25, with the tongue 36 lying
 over a side surface 40 of the back 15 of the
 comb B. It is to be noted that the rib 29
 5 is placed at the opposite side 41 of the back
 15, and the same is received between the
 facing edges of the clip arms 38 and 39, and
 the edges of the clip arms will abut the rib
 29 to prevent any rotational movement of
 10 the clip C upon the comb head 25, as will
 be apparent from Figures 3 and 5 of the
 drawings. The clip jaws or arms 38 and 39
 may be apertured at 45 to lighten the same
 and result in a saving of materials. The
 15 attaching sleeve 35 at the lower edges of
 the arms 38 and 39 thereof may abut against
 the shoulders 26, and the upper edge of the
 sleeve 35 may abut beneath the head should-
 20 der 27, to prevent any longitudinal displace-
 ment of the clip from the attaching head 25,
 as will be apparent from the drawings.

In the assemblage of the clip C upon the
 comb B it is to be noted that the entire at-
 25 taching portion of the clip is disposed upon
 the upwardly extending extension of the
 back 15, beyond the teeth of the comb, so
 that when the comb is inserted in a user's
 pocket, the teeth of the comb will be out of
 sight, and only the clip and the cylinder head
 30 25, with a portion of the extension 20 of the
 comb will be visible, so that the character
 of the article is not disclosed. The fact that
 the head 25 is cylindrical in formation
 would lead an observer to believe that the
 35 clip B really supported a pencil or fountain
 pen, or analogous element, instead of a
 comb, when supported in a pocket.

Referring to the form of invention E, the
 comb F thereof consists of a back 48, which
 40 may be rectangular in cross section, and
 preferably is flat, having teeth 49 extending
 from one side 50 of the back 48; the comb
 including an end reinforcing and protecting
 tooth 52 of conventional character. The
 45 back 48 is extended beyond the tooth 52, at
 53, and this projecting end 53 in reality pro-
 vides a shank. In contra-distinction to the
 form of invention A, where the comb is pro-
 50 vided with the cylindrical extension head
 25, the shank or extension 53 at the upper
 portion thereof to which the clip G is at-
 tached, is elongated in cross section, and
 flattened, and provided with the groove
 55 thereabout similar to the head 25, in which
 the clip attaching sleeve or end 56 is se-
 cured. The shank 53 at the lower edge of
 its groove has a shoulder 57, and upwardly
 has a head 60, which provides a shoulder 58
 60 facing the shoulder 57. A retaining rib 62
 is provided longitudinally of the shank 53
 upwardly of the shoulder 57 toward the
 shoulder 58, and against which the end
 edges of the split sleeve attaching construc-
 tion 56 of the clip B abuts to prevent any

rotational movement of the same on the 65
 comb back.

The clip G is similar to the clip C, and
 includes the attaching end or construction
 56 having a resilient tongue 65 attached
 thereto. The clip is preferably metal, and 70
 the attaching end 56 in reality comprises
 pairs of arms 67 and 68 extending from op-
 posite sides of the tongue 65, for gripping
 in the groove of the shank or projection 53
 of the comb back, in abutment against the 75
 shoulders 57 and 58; the ends of said arms
 67 and 68 preferably engaging against the
 opposite edges of the rib 62, to stabilize the
 position of the clip upon the comb, as is il-
 80 lustrated in Figures 8 and 10 of the draw-
 ings. By making the attaching end of the
 comb of an elongated or rectangular cross
 section, or flat, as is illustrated in the draw-
 ings, the clip G is enabled to be effectively
 85 attached to the comb, and the arms of the
 clip shaped to conform, and the clip pre-
 vented from rotation on the comb, so that
 the tongue 65 always overlies one side sur-
 face of the back 48 to cooperate on a pocket
 90 or on a garment of a wearer.

Referring to the type of invention H, the
 comb K is similar in all respects to the
 comb F, and the same reference characters
 have been applied thereto as are applied to
 the comb F, with this exception, that no rib
 95 62 is provided longitudinally of the shank
 53, but in lieu thereof a longitudinally ex-
 tending recess 70 is provided inwardly of a
 side of the comb extension 53, between the
 100 shoulders 57 and 58, and into which the end
 portions 72 of the pairs of clip arms 73 and
 74 of the clip L are crimped, as is illustrat-
 ed in Figure 13 of the drawings, to prevent
 displacement of the clip from the comb, and
 105 to hide the ends of the arms 73 and 74
 against liability of catching upon anything.
 The clip L of course includes a tongue 75,
 which is similar to the tongues of the other
 clips of the other forms of invention.

From the foregoing description of this in- 110
 vention it is apparent that a novel type of
 combined comb and clip has been provided,
 which may be embodied in various forms,
 but which includes the generic feature of
 115 providing a comb with a back extension to
 which a metallic clip may be connected so
 that when the comb is in the pocket of a
 wearer only the comb extension and clip are
 visible; the teeth of the comb being in the
 120 pocket of the wearer and invisible to ob-
 servers.

Various changes in the shape, size, and ar-
 rangement of parts may be made to the
 forms of invention herein shown and de- 125
 scribed, without departing from the spirit
 of the invention or the scope of the claims.

I claim:—

1. In a combined comb and clip the com-

5 bination of a comb including a supporting
frame having laterally extending series of
teeth therefrom and a projection rigid with
the frame extending beyond an end of the
series of teeth, said projection having
10 spaced shoulders facing thereon, and a clip
including an attaching portion on the comb
extension between said shoulders and includ-
ing a resilient tongue extending along the
comb frame at its free end.

2. In a combined comb and clip the com-
bination of a comb including a back having
a series of teeth laterally extending there-
from and an integral projection extending
15 from the back beyond the series of teeth,
said projection having a lower shoulder
thereon and an upper shoulder facing the
lower shoulder, and a metal clip including
an attaching portion disposed on the comb
20 projection between said shoulders and in-
cluding a resilient tongue extending along
the back of the comb.

3. A combined comb and clip comprising
a comb having a back and a series of teeth
25 laterally extending therefrom, an integral
extension upon the back extending beyond
said teeth and including a substantially
cylindrical shaped attaching head, a clip
including a resilient tongue, and means for
30 retaining the clip on the cylindrical attach-
ing head with the tongue extending along
the back of said comb.

4. In a combined comb and clip the com-
bination of a comb including a back and
35 teeth with a projection extending beyond
the teeth at an end of said comb, said pro-
jection including a substantially annular
reduced portion with an obstructing rib
thereacross, and an attaching clip including
40 an attaching split sleeve-like portion on the
reduced annular portion of the comb exten-
sion so that the end edges of said split
sleeve portion may abut the rib to prevent
rotational movement of the attaching clip,
45 said attaching clip including a yieldable
tongue extending along the back of said
comb.

5. As an article of manufacture a comb
including a supporting frame having later-
ally extending teeth therefrom, and a short
50 projection integral with the comb frame ex-
tending at an end thereof beyond the series
of teeth of said comb, said short extension
having a reduced portion at the end thereof
providing facing shoulders.

6. As an article of manufacture a comb
including a supporting frame having later-
ally extending teeth therefrom, and a short
projection integral with the comb frame
60 extending at an end thereof beyond the
series of teeth of said comb, said short ex-
tension having a reduced portion at the end
thereof providing facing shoulders, and a
longitudinal rib extending across the re-
duced portion between said shoulders.

7. In a combined comb and clip the com-
bination of a comb having a back with a
series of teeth laterally extending there-
from and an integral extension at an end
of said back projecting beyond said teeth,
70 said integral projection being elongated and
substantially flat in cross section, and a
metal clip including a yieldable attaching
portion for detachable connection with said
extension at its end and including a yield-
75 able tongue for extension along the back of
said comb.

8. In a combined comb and clip the com-
bination of a comb including a back and
having a series of teeth laterally extending
80 therefrom and a projection integrally ex-
tending from the back in alignment there-
with beyond said teeth, said extension being
relatively flat and elongated in cross section
and providing a grooved upper end portion,
85 a clip including an attaching construction
having oppositely disposed pairs of arms
for gripping the reduced portion of said ex-
tension, said clip including a tongue ex-
tending along the back of said comb, and
90 ribs formed on said extension for retaining
the clip arms in position.

9. In a combined comb and clip a comb
including a back having laterally extending
teeth therefrom and an integral projection
95 at an end thereof aligning with the back and
extending beyond the series of teeth, a
metallic clip including an attaching portion
and a resilient tongue, and shoulder and
rib means on the projection of said comb
100 back for securing the attaching portion of
the clip in position with the resilient tongue
extending along the back of the comb.

10. In a combined comb and clip the com-
bination of a comb including a back hav-
ing a laterally extending series of teeth and
an end projection, said end projection hav-
ing a recess therein, and a clip including
an attaching portion engaged about said
110 projection of the comb and having ends
thereof crimped into said recess, said clip
including a resilient tongue extending along
said comb.

11. In a combined comb and clip the com-
bination of a comb of hard rubber includ-
ing a back with teeth extending laterally
115 from one side thereof, said back having an
extension at one end thereof projecting be-
yond the series of teeth in alignment with
said back, said projection in cross section be-
ing wider than the thickness thereof, and a
non-rotatable detachable metal clip on said
120 extension including an attaching portion
gripping the extension snugly so as to pre-
vent rotation of said clip, said clip also in-
cluding a yieldable tongue connected with
the attaching portion and extending along
125 the back adjacent the teeth of the comb.

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