

(Model.)

F. Y. WOLSELEY.  
HOLDER FOR CUTTERS AND COMBS FOR SHEEP SHEARS, HORSE CLIPPERS,  
AND SIMILAR INSTRUMENTS.

No. 448,286.

Patented Mar. 17, 1891.

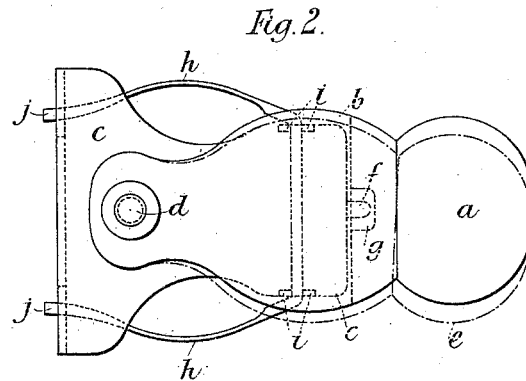
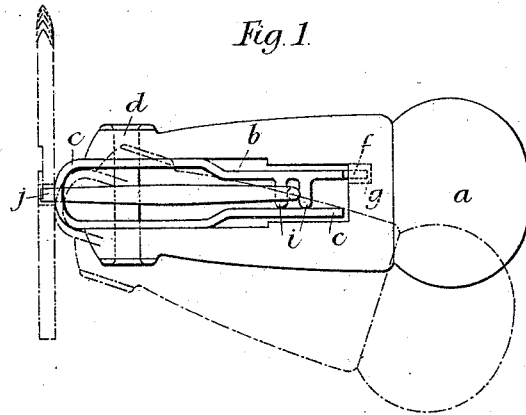


Fig. 5.

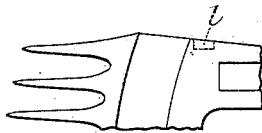


Fig. 6.

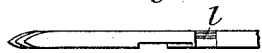


Fig. 3.

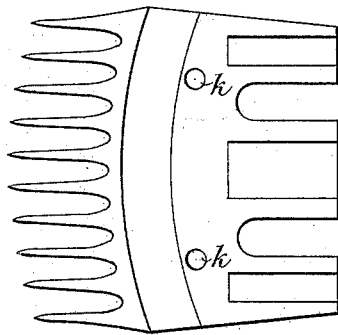


Fig. 7.



Fig. 4.



Witnesses  
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# UNITED STATES PATENT OFFICE.

FREDERICK YORK WOLSELEY, OF LONDON, ENGLAND.

HOLDER FOR CUTTERS AND COMBS FOR SHEEP-SHEARS, HORSE-CLIPPERS, AND SIMILAR INSTRUMENTS.

SPECIFICATION forming part of Letters Patent No. 448,286, dated March 17, 1891.

Application filed March 1, 1890. Serial No. 342,284. (Model.)

*To all whom it may concern:*

Be it known that I, FREDERICK YORK WOLSELEY, a subject of the Queen of Great Britain, residing at London, England, have  
5 invented new and useful Improvements in Holders for Cutters and Combs for Sheep-Shears, Horse-Clippers, and Similar Instruments, of which the following is a specification.

My invention relates to holders for cutters  
10 and combs for sheep-shears, horse-clippers, and similar instruments, and has for its object to facilitate the proper holding of the cutters and combs during the grinding, setting, or sharpening of the same.

Hitherto considerable difficulty has been experienced in grinding, setting, or sharpening the cutters and combs of sheep-shears, horse-clippers, and like instruments in consequence  
15 of the difficulty of holding them against the setting or grinding disk. According to my invention I form in each cutter or comb holes or recesses, as hereinafter described, and I provide a holder having two spring legs or arms adapted to take into the holes or recesses  
20 in the cutter or comb, whereby the latter will be firmly clipped.

To enable my invention to be fully understood, I will describe the same with reference to the accompanying drawings, in which—

30 Figure 1 is a side elevation of a holder constructed according to my invention, and Fig. 2 is a plan of the same. Figs. 3 and 4 are a plan and edge view, respectively, of a comb provided with holes according to my invention, so as to adapt it to be held by the holder.  
35 Figs. 5, 6, and 7 are a plan, edge view, and section, respectively, of a part of a comb provided with recesses according to my invention.

I will first describe the holder, *a* being the handle, which is recessed or slotted at *b*, and  
40 *c* a swing frame or carrier pivoted in the slot *b* by the pin *d*, so that the handle can be moved relatively to the said carrier, for instance, as indicated by the dotted lines *e*, Fig. 2.

45 *f* is a projection on the carrier entering a recess *g* in the handle to limit the movement of the latter.

50 *h h* are spring legs or arms, which, as shown, can be advantageously formed out of a single piece of steel, held by lugs or clips *ii* in the carrier and bent so that their free ends *j j* pass through and project beyond the end of the

carrier, the normal tendency of the said arms being to spring apart.

In order to enable the combs or cutters to  
55 be held by the holder hereinbefore described, I provide each of them with two holes or apertures *k k*, for instance, as shown in Figs. 3 and 4, to receive the projecting ends *j j* of the arms. The holes *k k* are placed at such a distance  
60 apart that in order to introduce the ends of the arms it is necessary to spring the same toward each other. The natural tendency of the arms to spring outward causes the clipping of the comb, so as to prevent it from  
65 slipping off the holder. It will be noticed that the outer end of the carrier *c* is of a curved or rounded form and that the ends *j j* of the arms *h h* are smaller than the holes *k k*. This arrangement enables the holder to be moved  
70 relatively to the comb or cutter being ground or set, for instance, as indicated by the dotted lines in Fig. 1. This freedom of motion, together with that of the handle *a* relatively to  
75 the carrier, permits of an even pressure being put upon the comb or cutter while being ground, set, or sharpened.

Instead of forming holes *k k* in the cutter or comb, I can in some cases, when the thickness of the comb or cutter will allow of it, form  
80 recesses in the edge, for instance, as shown in Figs. 5, 6, and 7, where *l* indicates a V-shaped recess, one of which is formed in each side of the comb. In this case, however, it will be  
85 obviously necessary to arrange the arms to spring toward each other and to form the ends *j j* with lateral projections adapted to enter the recesses *l l*, so as to clip the comb or cutter to be operated upon.

Instead of employing spring-legs, as here-  
90 inbefore described, it will be obvious that the legs may be operated by a screw; but I do not advise this arrangement.

Having now particularly described and explained the nature of my said invention and  
95 in what manner the same is to be performed, I declare that what I claim is—

1. In apparatus for holding the cutters or combs of sheep-shears, horse-clippers, and similar instruments while they are being  
100 ground or sharpened, spring holding-legs free at their yielding or unattached parts and formed of and integral with a single piece of steel bent substantially as described and

adapted to enter holes or recesses in and to clip or grasp such cutters or combs in the manner shown and described.

2. A cutter-holder having its outer end rounded or curved, as set forth, and having spring-legs projecting through such rounded end, the extremities of such legs being in line with the length of such end.

3. A cutter-holder having a carrier whose outer end is rounded, having spring-legs adapted to enter perforations or recesses in a cutter or comb, and having a slotted handle in which the carrier is pivoted, all substantially as set forth.

4. The described cutter-holder, consisting of a handle *a*, combined with a carrier *c*, pivoted thereto and having a projection *f*, entering a recess in the handle, and with holding legs or arms *h*, having projecting ends adapted to enter appropriate holes or recesses, as described, in the combs or cutters.

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