April 21, 1942. M. S. MIRSKI 2,280,251

COMBINATION BOOT JACK DEVICE

Filed Nov. 1, 1940

Fig. 1.

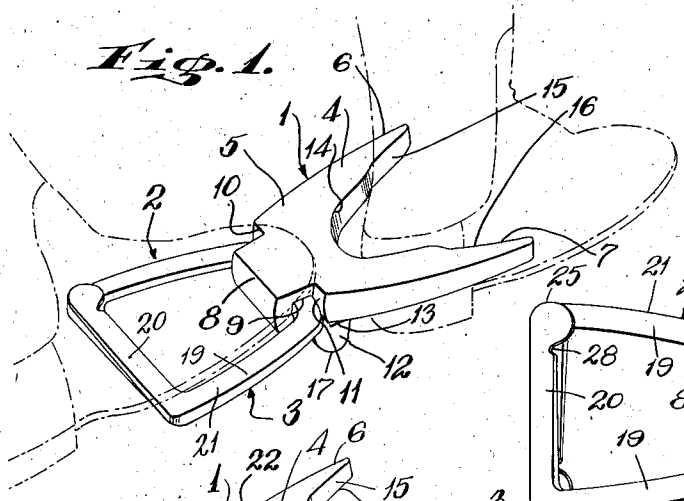


Fig. 2.

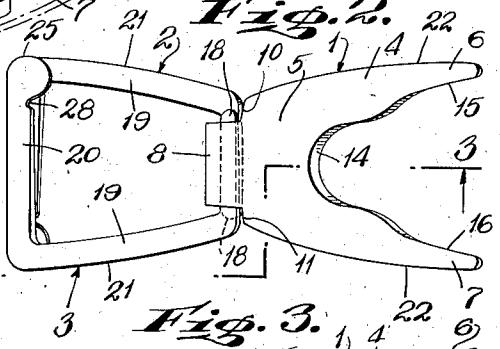


Fig. 4.

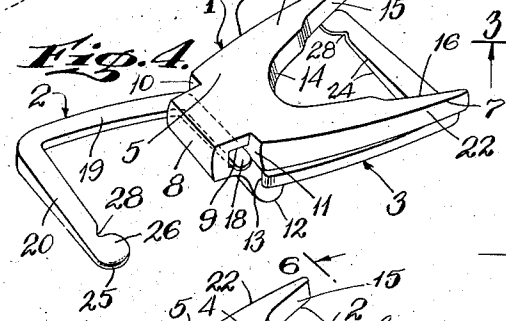


Fig. 3.

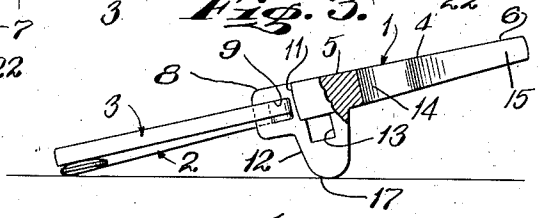


Fig. 5.

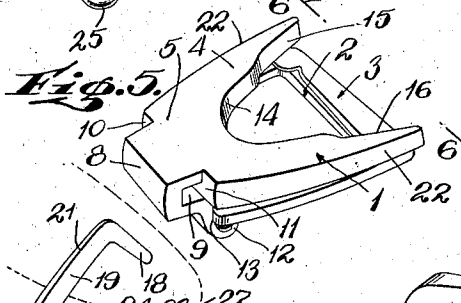


Fig. 6.

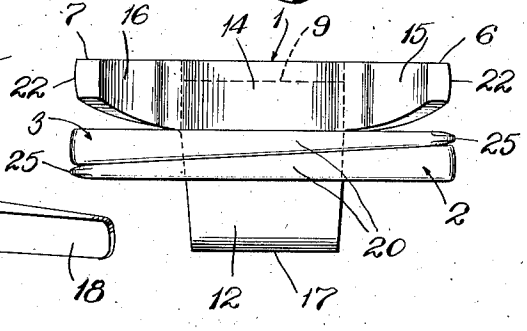
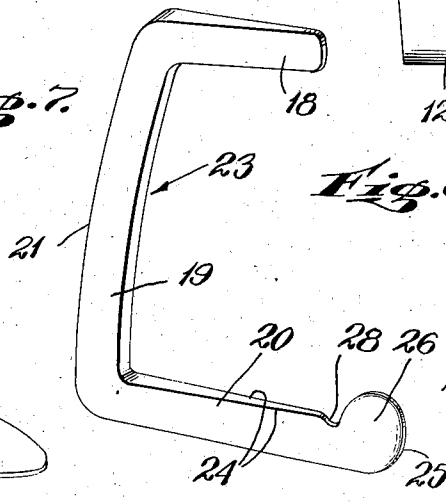


Fig. 7.



Fig. 8.



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COMBINATION BOOTJACK DEVICE

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Application November 1, 1940, Serial No. 363,859

8 Claims. (Cl. 223—115)

This invention relates to boot jacks in general.

Among the objects of the present invention, it is aimed to provide an improved combination portable boot jack and boot positioning device which is adapted for use with various sizes of riding boots and the like, both those of women and those of men, and for boots with various sizes of heels including the high heels of women's boots, and the lower heels of men's boots.

These and other features, capabilities and advantages of the invention will appear from the sub-joined detail description of one specific embodiment thereof illustrated in the accompanying drawing, in which

Figure 1 is a perspective of the boot jack in boot removing position;

Fig. 2 is a plan view of the embodiment illustrated in Fig. 1;

Fig. 3 is a fragmental section on the line 3—3 of Fig. 2;

Fig. 4 is a perspective similar to Fig. 1 with one of the hook members in closed collapsible position and the other in boot "putting-on" position;

Fig. 5 is a perspective showing both hook members in closed collapsible position on the main bracket;

Fig. 6 is an enlarged end elevation on the line 6—6 of Fig. 5;

Fig. 7 is a side elevation of one of the hook members in use; and

Fig. 8 is an enlarged perspective of one of the hook members.

The combination consists essentially of three separate independent members including a main bracket 1 and two like hooks members 2 and 3 which may be interlocked or nested in one position to form a compact package, see Fig. 5, suitable for storing away either in a bureau drawer or the like, or even in a clothing pocket or a lady's bag; which may be interlocked or nested in another position to form a boot jack, and which boot members 2 and 3 as separate independent elements removed from the main bracket 1, may be used for engaging the loops of riding boots or the like for drawing on the boots, see Fig. 7.

The main bracket 1 comprises a somewhat U-shaped portion 4 having a substantially plane or slightly convex upper surface 5, two jaw members 6 and 7, a rear enlargement 8 with a substantially quadrangular opening 9, lateral recesses 10 and 11, and a transverse or downwardly extending enlargement 12 having a substantially quadrangular opening 13.

The inner faces of the jaw elements 6 and 7 flare outwardly, and preferably as shown, have graduations therein, the inner U-shaped face 14 simulating the heel portions or rear portions of smaller sizes of riding boots such as women's riding boots, and the complemental outer curved faces 15 and 16 complementing one another to simulate the heel portions or rear portions of larger sizes of riding boots, such as men's riding boots. The outwardly flaring walls of the face 14 serve to accommodate various different sizes of women's boots, and the outwardly flaring walls of the faces 15 and 16 similarly serve to accommodate various different sizes of men's boots.

The overall altitude from the upper faces 14 to the lower end of the enlargement 12 preferably is at least two inches to exceed the altitude of the highest heel of a woman's riding boot. The lower face 17 of the enlargement 12 furthermore is rounded, as particularly shown in Fig. 3, not only for the comfort of the user, in the case of a woman should she wish to place the set in her bag or the like, or in the case of a man should he wish to place the set in his coat pocket or the like, but also to form a rocking surface for rocking the bracket 1 while in boot removing use as shown in Fig. 1.

The hook members 2 and 3 are substantially identical and therefore it will suffice to describe but one of them. Each hook member 2, 3 comprises an anchoring extension 18, a shank 19, and a hook arm 20. The outer edge 21 of the shank 19 conforms to the outer edge 22, 22 of the bracket 1 in the interest of forming a compact package, as hereinafter set forth. The extension 18 in length corresponds substantially to the distance between the rear ends of the outer edges 22 adjacent the recesses 10 and 11, and in addition, their lateral faces 23 taper toward one another as they approach the end 24 of the extension 18. When the faces 23 are so tapered, the insertion of the extensions 18 into the openings 9 or 13 is facilitated, since they thereby cooperate with one another as cams in their inserting movement, see Fig. 6, with regard to their position in the opening 13 as shown in perspective in Fig. 5. When so positioned, it will be seen that the jaw members 6 and 7 are in alinement with the shanks 19 with the outer edges of the extensions 18 in alinement with the forward edge of the enlargement 8 and the outer edges of the hook arms 20 in alinement with the outer ends of the jaws 6 and 7, all in the interest of compactness.

The lateral faces 24 of the hook arms 20 simi-

larly taper inwardly toward one another as they approach their outer ends so that they will nest relative to one another, as shown in Fig. 6.

Besides tapering the lateral faces **24** toward one another as they approach the outer end **25**, the outer faces of the disk-shaped member **26** taper toward one another as they approach the periphery. This compound tapered arrangement serves also to facilitate introducing the hook arm **20** into the boot when on the leg of the wearer. If, as an instance, a particular boot had a close fit with the leg of the wearer, especially after a ride, the calf of the wearer might have swelled sufficiently to make it painful to insert any cumbersome metal instrument between the boot wall and the leg of the wearer. Practice has found that when the hook arms **20** have this compound taper, such objection is overcome. In the interest of positively anchoring the boot strap **27** to the hook arm **20**, the arm **20** preferably has a recess **28** between the disk portion **26** and the shank portion of the arm **20**, as particularly shown in Fig. 8. In boot removing position, the extensions **18** are inserted through the opposite ends of the opening **9** into the position shown in Fig. 1, where the angular formation of the opening **9** will snugly anchor the extensions **18** against movement relative to one another, especially when the hook arms **20** engage one another, as shown in Fig. 1. The user, in the act of removing the boot, is only required to press the toe portion of one boot or foot on the platform formed by the two hook members **2** and **3**, with the curved portion **17** engaging the supporting floor and thereupon insert the heel or rear portion of the other boot above the heel between the jaw members **6** and **7** as shown in Fig. 1, the wearer of the smaller boot engaging portions of the flaring walls of the face **14**, and the wearer of the larger boot engaging portions of the flaring walls of the faces **15** and **16**. Thereupon, the user would exercise a downward pressure on the hook arms **2** and **3**, and an upward drawing action by the leg in the boot engaging the jaw members **6** and **7** with the result that the boot will quickly be withdrawn from the leg of the wearer.

In turn, when drawing on a boot, it is only necessary to remove the hook members **2** and **3** from the bracket **1**, insert one hook member on either side of the boot to be put on in the usual straps **27** in such boot, and draw upwardly on the hook members **2** and **3** and press downwardly with the leg being inserted in such boot.

Still furthermore, when the set is to be stored away, the three elements can quickly be nested into one another by inserting the extensions **18** into the opposite ends of the opening **13** with the hook arms **20** disposed under the outer ends of the jaw members **6** and **7**, as shown in Fig. 5. Preferably, as shown, the lateral faces of the enlargements **8** and **12** are in alinement in the interest of the appearance of the set, and also to cooperate with the dimensions of the hook members **2** and **3** so that they will form the compact package shown in Fig. 5.

It is obvious that various changes and modifications may be made to the details of construction without departing from the general spirit of the invention as set forth in the appended claims.

I claim:

1. The combination of a bracket comprising an intermediate portion, two outwardly extending jaw members having outwardly flaring graduated boot receiving faces, and an enlargement having a transversely extending angular opening therethrough extending from said intermediate portion; a pair of hook members, each having an intermediate shank, an extension at one end of said shank and a hook arm at the other end of said shank, the extensions being angular in transverse cross section and conformed snugly to cooperate with one another in said angular opening to form a platform; and a second enlargement extending from said intermediate portion to form a perch or fulcrum to enable the jaw members to be raised into boot receiving position when the platform is depressed.

2. The combination of a bracket comprising an intermediate portion, two outwardly extending jaw members having outwardly flaring graduated boot receiving faces, and an enlargement having a transversely extending angular opening therethrough extending from said intermediate portion; a pair of hook members, each having an intermediate shank, an extension at one end of said shank and a hook arm at the other end of said shank, the extensions being angular in transverse cross section and conformed snugly to cooperate with one another in said angular opening to form a platform; and a second enlargement extending from said intermediate portion to form a perch or fulcrum to enable the jaw members to be raised into boot receiving position when the platform is depressed, the overall thickness of said intermediate portion and said second enlargement being at least equal to two inches to accommodate the highest lady's heel.

3. The combination of a bracket comprising an intermediate portion, two outwardly extending jaw members having outwardly flaring graduated boot receiving faces, and an enlargement having a transversely extending angular opening therethrough extending from said intermediate portion; a pair of hook members, each having an intermediate shank, an extension at one end of said shank and a hook arm at the other end of said shank, the extensions being angular in transverse cross section and conformed snugly to cooperate with one another in said angular opening to form a platform; and a second enlargement extending from said intermediate portion to form a perch or fulcrum to enable the jaw members to be raised into boot receiving position when the platform is depressed, said extensions having inwardly tapering faces to cooperate with one another and said angular opening to facilitate a gradual insertion of said extensions into said angular opening.

4. The combination of a bracket comprising an intermediate portion, two outwardly extending jaw members having outwardly flaring graduated boot receiving faces, and an enlargement having a transversely extending angular opening therethrough extending from said intermediate portion; a pair of hook members, each having an intermediate shank, an extension at one end of said shank and a hook arm at the other end of said shank, the extensions being angular in transverse cross section and conformed snugly to cooperate with one another in said angular opening to form a platform; and a second enlargement extending from said intermediate portion to form a perch or fulcrum to enable the jaw members to be raised into boot receiving position when the platform is depressed, and enlarged disk members at the ends of said hook arms with chamfered peripheral edges to fa-

cilitate inserting the hook arms into the straps of riding boots or the like.

5. The combination of a bracket comprising an intermediate portion, two outwardly extending jaw members having outwardly flaring graduated boot receiving faces, and an enlargement having a transversely extending angular opening therethrough extending from said intermediate portion; a pair of hook members, each having an intermediate shank, an extension at one end of said shank and a hook arm at the other end of said shank, the extensions being angular in transverse cross section and conformed snugly to cooperate with one another in said angular opening to form a platform; and a second enlargement extending from said intermediate portion to form a perch or fulcrum to enable the jaw members to be raised into boot receiving position when the platform is depressed, enlarged disk members at the ends of said hook arms with chamfered peripheral edges to facilitate inserting the hook arms into the straps of riding boots or the like, and a recess intermediate the disk and shank of each hook arm to cooperate with the strap of a boot when putting on the boot.

6. The combination of a bracket comprising an intermediate portion, two outwardly extending jaw members having outwardly flaring graduated boot receiving faces, and an enlargement having a transversely extending angular opening therethrough extending from said intermediate portion; a pair of hook members, each having an intermediate shank, an extension at one end of said shank and a hook arm at the other end of said shank, the extensions being angular in transverse cross section and conformed snugly to cooperate with one another in said angular opening to form a platform; and a second enlargement extending from said intermediate portion to form a perch or fulcrum to enable the jaw members to be raised into boot receiving position when the platform is depressed, said second enlargement having an angular aperture therein to snugly receive the angular extensions of said hook members in collapsed position.

7. The combination of a bracket comprising an intermediate portion, two outwardly extending jaw members having outwardly flaring graduated boot receiving faces, and an enlargement having a transversely extending angular opening therethrough extending from said intermediate portion; a pair of hook members, each having an intermediate shank, an extension at one end of said shank and a hook arm at the other end of said shank, the extensions being angular in transverse cross section and conformed snugly to cooperate with one another in said angular opening to form a platform; and a second enlargement extending from said intermediate portion to form a perch or fulcrum to enable the jaw members to be raised into boot receiving position when the platform is depressed, said second enlargement having an angular opening therein to snugly receive the angular extensions of said hook members in collapsed position, said extensions having inwardly tapering faces to cooperate with one another and said angular openings to facilitate gradual insertion of said extensions into said angular opening.

8. The combination of a bracket comprising an intermediate portion, two outwardly extending jaw members having outwardly flaring graduated boot receiving faces, and an enlargement having a transversely extending angular opening therethrough extending from said intermediate portion; a pair of hook members, each having an intermediate shank, an extension at one end of said shank and a hook arm at the other end of said shank, the extensions being angular in transverse cross section and conformed snugly to cooperate with one another in said angular opening to form a platform; and a second enlargement extending from said intermediate portion to form a perch or fulcrum to enable the jaw members to be raised into boot receiving position when the platform is depressed, said second enlargement having an angular opening therein to snugly receive the angular extensions of said hook members in collapsed position, said extensions having inwardly tapering faces to cooperate with one another and said angular openings to facilitate gradual insertion of said extensions into said angular opening, the walls of the hook arms being tapered to nest with one another either in boot withdrawing position or in collapsed position of the bracket and hook arms.

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