

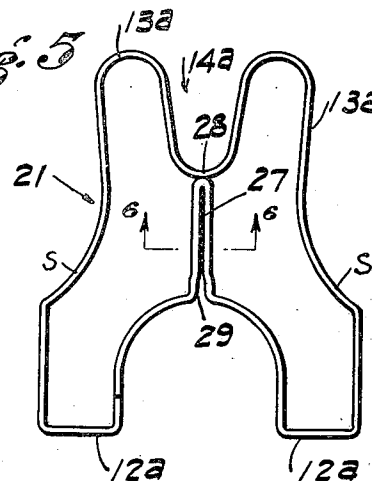
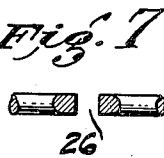
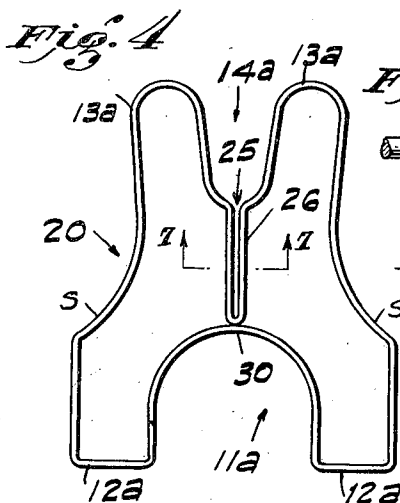
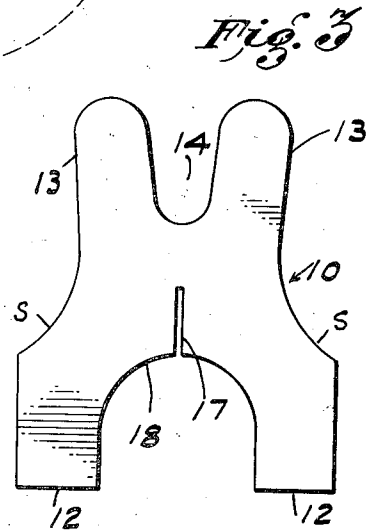
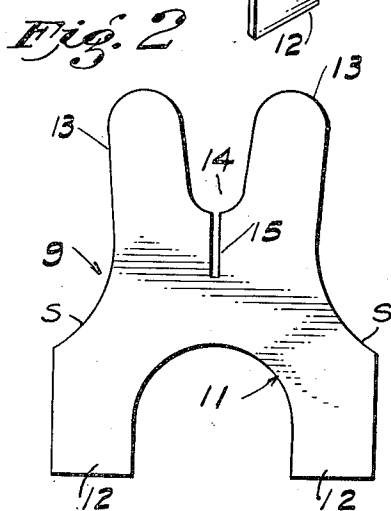
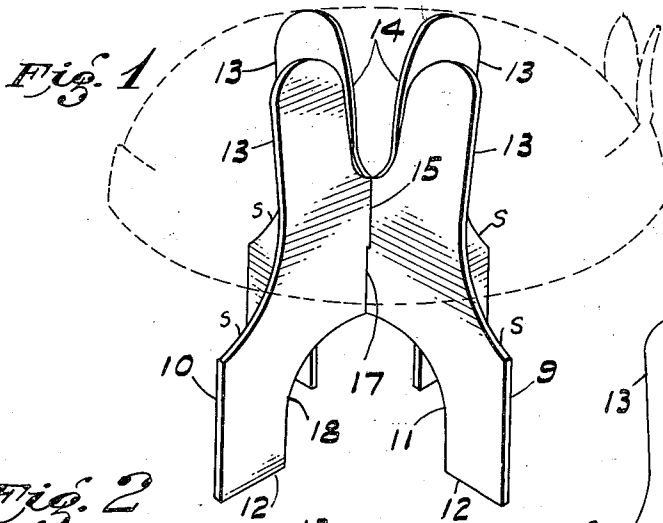
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2,107,178

HAT STAND

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UNITED STATES PATENT OFFICE

2,107,178
HAT STAND

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4 Claims. (Cl. 211—33)

This invention relates to a stand adapted to support hats and other articles, more particularly small articles of wearing apparel, such as gloves.

Among the objects of the invention are to provide a pair of simplified interlocking members of a flat character which may be conveniently shipped or stored in a compact, disassembled form and which may be quickly assembled to form a stand of the character stated without the use of any fastening members; to provide a hat stand which may be manufactured at a lower cost without impairing its usefulness and durability; to provide a stand that will support a hat in a safer manner than other equally simple upstanding devices of its type; and to provide a plan for constructing stands for the uses stated that will make it possible to use either wire or flat plates in the manufacture of a knockdown type of stand.

Among further objects of the invention is to provide a hat stand whereby the shape of the crown portion of the hat may be preserved in a more efficient manner.

Yet a further object of the invention is in the provision of a pair of interlocking members which upon assembly possesses the superior advantage of tending to remain integralized because of the incorporation of a clinching means comprising tapered slot portions having a wedging contact with each other.

Other objects, advantages and features of invention will hereinafter appear.

Referring to the accompanying drawing which illustrates what are at present deemed to be preferred embodiments of the invention,

Fig. 1 is a perspective view of the device in its assembled condition designed for use as a hat stand, the outline of a hat supported thereon being indicated by dotted lines.

Fig. 2 is a side elevation of one of the two plate members of which the device shown in Fig. 1 is constructed.

Fig. 3 is a side elevation of the other plate member.

Fig. 4 is a side elevation of one of the two cooperating members of which the modification shown in Figs. 4 to 6 is formed.

Fig. 5 is a side elevation of the other cooperating member used in the modification.

Fig. 6 is a transverse section on line 6—6 of Fig. 5.

Fig. 7 is a transverse section on line 7—7 of Fig. 4.

Referring in detail to the drawing, when the

device is constructed as shown in Figs. 1, 2 and 3, it consists of two cooperating plate members 9 and 10, the plate member 9 having at the mid-length of its bottom edge a recess 11 desirably of an arcuate character. Said recess divides the lower portion of the plate into the foot portions 12. At its upper end plate 9 is furnished with two upward extensions 13 which are separated by a recess 14 located at the mid-width of the plate. At the base of this recess 14 a vertical slot 15 is cut down along the median line of the plate about half the distance from the base of the recess 14 to the top of the lower recess 11, that is to say, along about half the length of the imperforate mid-width portion of the plate.

The width of slot 15 should be substantially the same as the thickness of the plate 10, in order that, when the two plates are interlocked with each other in the assembled position as shown in Fig. 1, there will be a close fit at their juncture.

The plate member 10 shown in Fig. 3 is shaped the same as the one shown in Fig. 2 except that said plate 10 is furnished with a slot 17 which extends upwardly along its mid-width from the top of the arcuate recess 18 provided at the center of the bottom portion of said plate 10. This recess 17 is of the same width as the slot 15 in order that it, in turn, may closely fit over the thickness of the plate 9. Like the plate 9, the plate 10 is furnished with foot portions of the same shape and therefore these are lettered the same in Fig. 3 as in Fig. 2.

In assembling the device, the two plate members are interlocked as in Fig. 1 this being done by telescoping the slotted portion of one plate over the slot portion of the other plate in such a manner that the slot 15 will fit over the imperforate mid-width portion of plate 10 while the slot 17 will fit over the mid-width portion of the plate 9. The assembled device will thus provide the four foot portions 12 which are disposed at right angles to each other and the four upward extensions 13 which are also disposed at right angles to each other. The slots 15 and 17 have flat parallel sides in order that when the two plate members are interlocked in the manner stated a very close fit will be provided and one which will prevent capacity for flexion or racking the device. That is to say, it will be of a stable character and each plate in the assembled condition will maintain itself substantially in a right angle relation to the other plate.

In the form of the invention shown in Figs. 4 to 7, in place of the plate members which have

been described wire frames 20 and 21 are used. Each of these frames consisting of a wire bent in such a manner as to produce a figure the outline of which is the same as that of the plates already described. The result is that the device produced is furnished with foot portions and upward extensions which for the sake of convenience are lettered the same as those in the form first described except for the addition of the letter a.

At the mid-width of the device, however, the frame 20 is furnished with a slot 25 which extends from the bottom of the recess 14a nearly to the top of the bottom recess 11a.

The four upward extensions 13 with which the assembled stand is equipped each furnish a support upon which a felt or brimless hat may be sustained at the same time, while one or more pairs of gloves may be supported in a criss-crossed position at the center of the device.

Referring to specific details of the bent wire construction, as shown in Figs. 6 and 7, the abutting faces of the wire at each side of the slots are flattened to aid in maintaining a right angular formation of the assembled wire members 20 and 21.

The slot 26 of the wire member 20 is wider than the slot 27 of the other wire member. The slot 26 is made the widest in order that the wire bend 28, which is not flattened, may have sufficient room to enter said slot. The body portion of slot 27 is narrower because the slotted portion of the other member over which it straddles is narrowed as shown in Fig. 6. The lower portion of slot 27 is widened at 29 to accommodate the bottom wire at 30. It will be observed that in the wire form of the device the slotted portions come opposite to each other throughout their entire lengths.

Each foot portion 12 has a straight, horizontal bottom edge to rest squarely upon any flat horizontal surface upon which the device may be placed. Each arcuate recess 11 is shown of a greater width than the foot portion at each side thereof in order to provide foot portions that are not too wide and cumbersome. At the outer edge of each plate the same is cut away in such a manner as to furnish a shoulder s which is positioned to form a rest for the lower portion of a hat hung solely upon said plate.

The slot 29 by means of a taper fades into the narrower slot 27. Similarly the inner portions of the slots 15 and 17 may be provided with matchable tapers to provide a superior clinching means whereby the two members may be held more positively against relative movement.

The four rounded upwardly directed extensions 13 of the assembled stand cooperate to maintain,

in a smoothly extended condition, the crown portion of a soft hat resting upon them.

Although I have described my invention in detail and therefore utilized certain specific terms and language herein, it is to be understood that the present disclosure is illustrative rather than restrictive and that changes and modifications other than those shown may be resorted to without departing from the spirit or the scope of the subject matter claimed appended hereto.

What is claimed is:

1. A stand consisting of two interlocked wire forms, each of said forms having at each end a recess at its mid-width, one of said recesses of each form being located at the top of the assembled stand and the other said recess being located at the bottom of the assembled stand, each of said forms being furnished along its mid-width with a slot open at one end, one of said slots being directed upwardly and fitting over the intact mid-width portion of the one form, and the other of said slots being directed downwardly and fitting over the intact mid-width portion of the other form.

2. A stand consisting of two interlocked members each constructed of a single strand of wire, each of said members having at each end a recess at its mid-width, one of said recesses of each member being located at the top of the assembled stand and the other said recess being located at the bottom of the assembled stand, each of said members being furnished along its mid-width with a slot open at one end, one of said slots being directed upwardly and fitting over the intact mid-width portion of one member, and the other of said slots being directed downwardly and fitting over the intact mid-width portion of the other member.

3. A hat stand consisting of two assembled wire frames each having substantially the same contour and each having an end recess at its mid-width to form feet for the assembled stand, the width of said recess being greater than the width of either of said feet, each of said frames having a slot at substantially its mid-width, one of which is the reverse of the other, to adapt one frame for having its mid-width portion fitted over that of the other frame and whereby said frames are maintained in an assembled right angle relation to the other.

4. The subject matter of claim 3 and, each of said frames in the assembled stand having a central top recess and an external shoulder, said shoulder being positioned to form a rest for the lower portion of a hat hung upon said frame.

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