Oct. 27, 1953 C. R. TONKS 2,657,000

STAND FOR PRESSING IRONS

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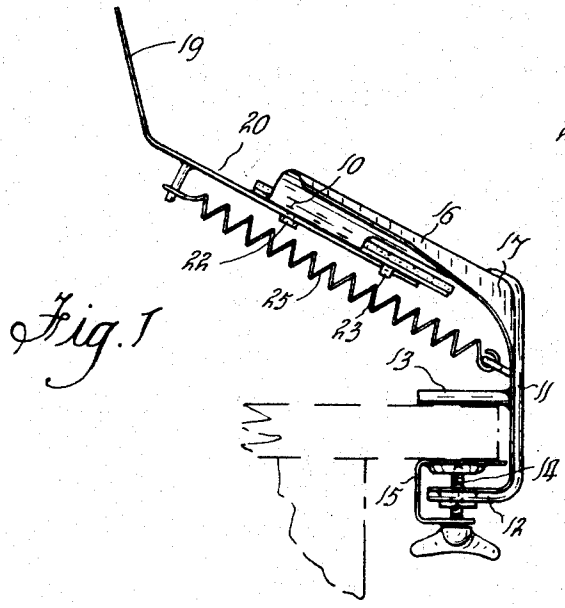


Fig. 1

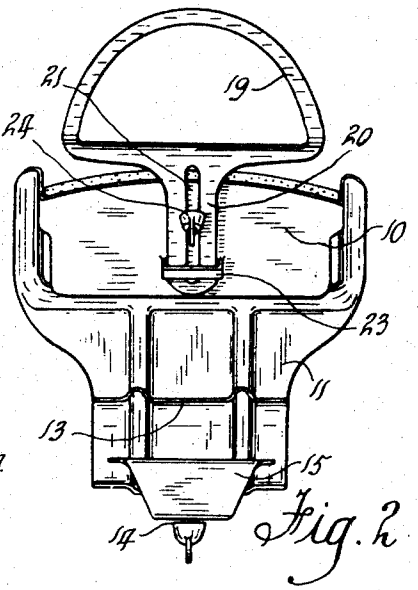


Fig. 2

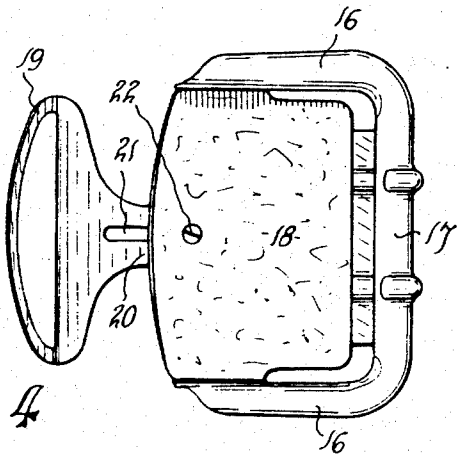


Fig. 4

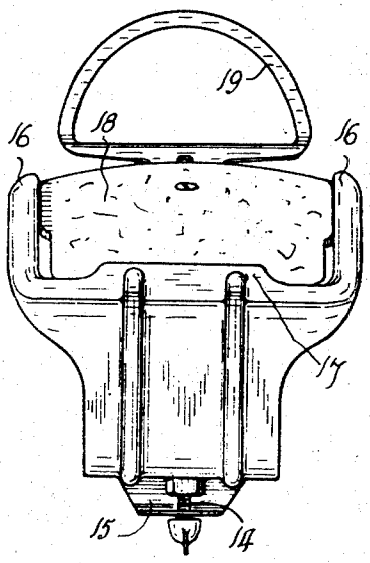


Fig. 3

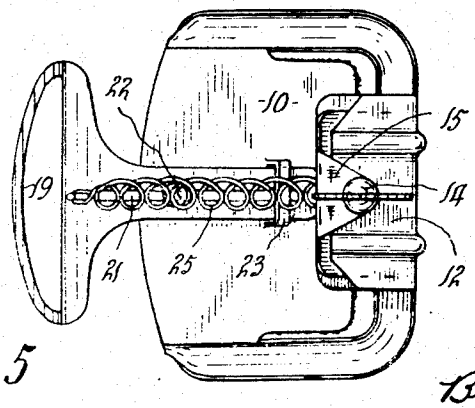


Fig. 5

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STAND FOR PRESSING IRONS

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3 Claims. (Cl. 248—117.6)

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This invention relates to a new construction of stand for attachment to a table or other flat surface for the purpose of receiving and supporting a pressing or ordinary household iron when such is required to be laid down during ironing operations. The said stand is so made that it will support an iron placed thereon at a distance above the table surface to be clear of any liability of damage to the table or to any matter thereon through the heat of the iron. Also it is so designed by its manner of construction to provide for the iron being held upon the stand against being pulled over as by a pull upon the supply flex when the iron is of the common electric and other types.

The stand, in this invention, is formed by a platform of a size and shape in plan to have the base of the iron placed thereon, shaped with raised side edges and a raised back edge and provided with a lug or yoke upon its front edge through which the nose of an iron placed upon the platform may be passed. The said lug or yoke is so attached to the platform that it is capable of being adjusted in its relationship to its projection from the edge to thus adapt it for use in respect of various lengths of iron bases.

The back edge of the platform has a clamp combined therewith which is adapted to be clamped upon the table edge so that the platform extends in above the table. This clamp is so disposed that the platform is given an upward inclination from its back to its front end.

The stand is suitably formed of sheet metal fabricated by stamping to the required shape. It may, however, be made by casting from a suitable metal, or of any other material of approved nature.

The invention is illustrated in the accompanying drawings and is hereinafter more fully described in relation to such drawings, in which:

Figure 1 is a side elevation of the stand showing it as attached to a table edge.

Figure 2 is a front end elevation, and

Figure 3 a back end elevation of the stand.

Figure 4 is a plan, and

Figure 5 an underneath plan thereof.

In the drawings, the stand is shown as being formed of sheet metal shaped with reinforcing ribs to give the article the rigidity necessary for its purposes. As beforementioned however, it may be made by casting in a suitable metal to provide for such rigidity.

In the formation of the stand according to this invention, a flat platform 10 is provided such platform being of rectangular form and of an

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area sufficient to support the major portion of the length of an iron placed thereon. The platform at its back end is extended in the form of a stay extension 11 adapted to fit vertically against the edge of a table or shelf. This stay is disposed at such an angle to the platform that when the stay is arranged vertically against a table edge the platform inclines upwardly and inwardly above the table or shelf surface. The lower edge of the stay is turned in at right angles to form the flange 12 and at a distance up from its lower edge is provided with the ledge 13 projecting at right angles from its inside. This ledge is disposed at such a distance from the platform 10 that when the ledge has been passed in to rest upon the top surface of a table or shelf, the rear edge of the platform is positioned a distance above the said surface as clearly shown in Figure 1. The flange 12 is disposed at a distance beneath the said ledge such that a clearance is left between it and the underside of the table or shelf edge.

A clamping hand screw 14 is provided to screw upwardly through the flange and this at its lower head end carries a clip 15 which is shaped to pass in to overlap the edge of the flange and then turns outward over the top end of the screw. This clip is loose upon the screw stem so that the screw may be turned through the flange to raise the clip to engage the table and effect a clamping action between it and the said ledge 13. By the use of such a device the width of the clamping engagement upon the table is increased to thereby effect a firmer attachment of the stand upon the table or shelf edge. In some instances, however, the clip may be dispensed with and the screw end fitted with the common clamping screw loose plate for engaging the table.

The said platform 10 is shaped or provided with a raised edge 16 along each side and with a raised edge 17 along its back so that its main portion is depressed. The raised side edges are provided to confine an iron placed on the platform between them while the raised back edge is designed to provide a rest against which the heel of the iron base may engage and thus to retain the iron from sliding off the inclined platform. The surface of the platform may be covered by a sheet 18 of asbestos or like protective insulating material secured thereon.

A lug or yoke 19, shaped so as to be adapted to receive and surround the nose of an iron is attached to the front platform, 10, to project out beyond it and to incline upwardly as shown. When therefore an iron is placed on the plat-

form and in doing so has its nose passed forwardly through this yoke while its main portion is retained within the raised side edges and back edge of the platform, the iron is securely held from falling or being accidentally tipped off the stand. This placing of the iron on the stand is readily effected by slipping the nose into the yoke and then resting the iron base on the platform. Similarly it may be easily lifted and released by the user when so required.

The yoke **19** is so attached that the extent of its projection beyond the platform edge may be varied to adapt the stand for different lengths of irons. For this purpose such variation or adjustment may be effected either manually or automatically, as may be desired. To obtain this adjustment the yoke is formed upon the forward edge of a flat tongue or strip **20** which is slotted longitudinally as at **21** with a medial slot. The strip is arranged upon the underside of the platform and is attached thereto by means of a screw **22** passing down through the platform and through the slot. A strap **23** secured across the platform bottom encloses the strip near its rear end.

In some instances the flat strip may be replaced by a doubled length of wire so bent as to form the slot between its members. In one instance, as shown in Figure 2, the screw **22** has a thumb nut **24** screwed upon its lower end to engage the strip and when this is loosened the strip may be slid longitudinally beneath the platform to move the yoke to the desired position and then locked by tightening the nut. Alternatively the screw **22** may have a plain head placed upon its lower end to engage across the edges of the slot **21** and the outer end of the strip (as shown in Figures 1 and 5) connected beneath the platform to the stay **11** of the platform by the tension spring **25**. This spring will draw the yoke back to a normal retired position but will allow of it being pushed out when the nose of an iron is placed within it, to thus automatically position the yoke to suit the iron being placed on the stand and force the iron back against the raised rear of the platform to more securely hold the iron upon the stand.

Having now described my invention what I claim is:

1. A stand for use in supporting an iron upon a table or like horizontal surface, comprising a flat platform having raised edges along its sides and across its back end edge, a yoke to receive and surround the nose end of the iron and slidably attached to the underside of the platform and projecting forwardly beyond the front edge of the platform, and means on the back end of the platform to fasten the stand on the edge of a table and to extend above the table surface.

2. A stand for use in supporting an iron upon a table or like horizontal surface according to claim 1, in which the said yoke extends across the end of a tongue member having a medial longitudinal slot therein, the said tongue member engaging beneath the said platform in a forward and rearward direction and in which means are provided passing through the slot in the tongue to adjust the yoke relative to the platform.

3. A stand for use in supporting an iron upon a table or like horizontal surface according to claim 1, the said yoke being extended across the end of a tongue member having a medial longitudinal slot therein and the said tongue member engaging beneath the said platform in a forward and rearward direction and a pin provided passing through the said slot and secured to the platform to attach the tongue to the platform, and a tension spring connecting the forward end of the said stem to the back end of the platform to normally draw the said yoke towards the front edge of the platform.

CLARENCE R. TONKS.

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