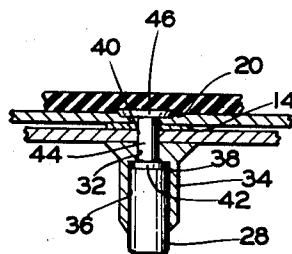
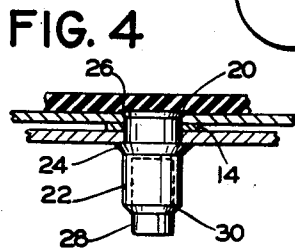
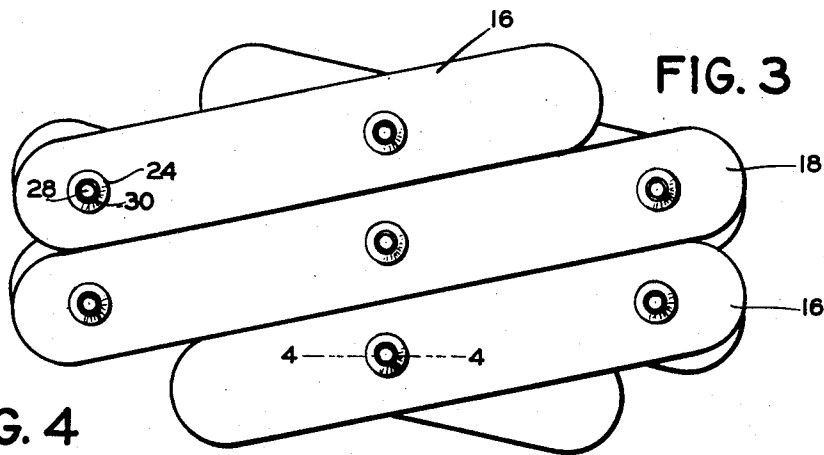
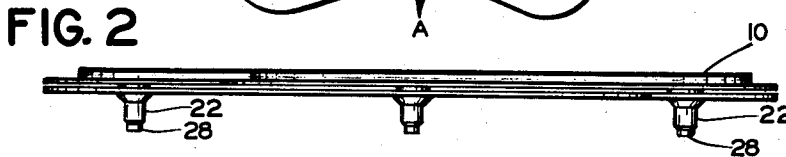
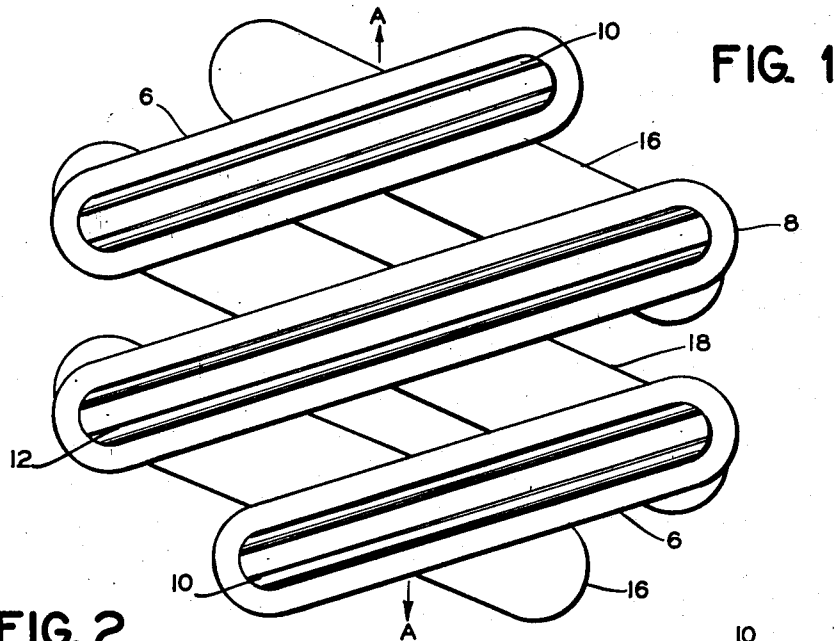


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R. LAMOUNETTE
ADJUSTABLE PLATE STAND
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ADJUSTABLE PLATE STAND

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3 Claims. (Cl. 65—61)

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The present invention relates to plate and pot stands, and more particularly to an adjustable type adapted to accommodate platters of varying dimensions.

Similar devices of the prior art have been employed to sustain a heated plate or pot upon a table for example, without injuring the table surface, or linens or usual table accoutrement, but these have generally been in the nature of asbestos sheets, or tile, or mats of varying sizes to accommodate dishes of relative dimensions. Other types of plate stands heretofore, have embodied metal prongs or legs to sustain the hot object above the table surface, and have been subject to skidding and slippage, especially when employed on a smooth, hard surface. Said devices further, are relatively difficult to cleanse, and require considerable pantry space to store.

It is therefore one of the objects of the present invention to provide an adjustable plate stand wherein the foregoing disadvantages are eliminated, and to do so by novel and effective means.

Another object of the invention is to provide a novel type of plate or pot stand adjustable to accommodate receptacles of varying dimensions.

Another object of the invention is to provide a novel type of plate or pot stand which will not slip or skid when employed on a smooth hard surface.

Still another object of the invention is to provide a novel type of adjustable plate support, capable of withstanding high temperatures and protecting the table surface or linen from excessive heat.

Still another object of the invention is to provide an adjustable plate stand which will be easily cleansed after use and require relatively little space to store away.

Another object of the invention is to provide a plate stand of the above-indicated nature, with relatively few parts, which will be neat and attractive to regard, simple and economical to manufacture, and yet, positive and effective in operation.

The foregoing, and other objects and advantages will appear more fully hereinafter from a consideration of the detailed description which follows taken together with the accompanying drawing, wherein two embodiments of the invention are illustrated by way of example. It is to be expressly understood, however, that the drawing is for the purpose of illustration only, and is not to be construed as defining the limits of the invention, reference being had for this purpose to the appended claims.

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In the drawing wherein like reference characters designate like parts throughout the several views.

Figure 1 is a plan view showing the device partly extended and showing the heat resistant strips thereon.

Figure 2 is an elevation view of Figure 1.

Figure 3 is a bottom view of Figure 1 showing the device in a retracted position.

Figure 4 is a section through one stud as along the line 4—4 of Figure 3 showing more specifically the non-skidding supports for the device.

Figure 5 is a detail in section showing an alternate construction for the non-skidding supports for the device.

Referring now to the drawing and more particularly to Figure 1, metal top arms 6 and metal top arm 8 contain heat resistant rubber pads 10 and 12 respectively cemented, or suitably attached thereon. A washer 14 (Figures 4 and 5) separates the top arms from the bottom arms 16 and 18. The holes 20 in the top arms 6 and 8 are countersunk from the top as shown, for reasons hereinafter explained. The studs 22 containing collars 24 integral therewith extend through the top and bottom arms and the intermediate washer 14, and the ends 26 of the studs are flushed into the counter sunk holes 20, thereby securing the top and bottom arms, but permitting free pivotal movement about the studs 22. The opposite ends of the studs 22 are hollow and accommodate inserts 28 made of rubber or some suitable non-skidding material, and the ends 30 of the studs 22 are adapted to be crimped over the insert 28 thereby securing the latter firmly in place.

Referring now to Figure 5 for an alternate embodiment of the supports for the device, hole 32 is a through hole in rivet or stud 34 and a relatively larger hole 36 is counterbored concentrically therewith to form shoulder 38. A pin 40 inserted into the stud 34 with the head 42 resting against the shoulder 38 and the shank 44 extending through the top arms and the bottom arms and intermediate washer 14, has the opposite end 46 flushed into the countersunk hole 20 to secure the top and bottom arms and still permit pivotal motion about the pin 40. As in the previous embodiment, the insert 28 is in the open end of stud 34 and is secured therein by crimping the open ends of said stud 34.

Having thus described the device in operation, it will be readily apparent that when tension is applied along the directions A generally indicated by the arrows (Figure 1) a pantographic

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action will result, permitting the device to elongate to a desired length to accommodate platters or pots of various dimensions. It will be noted that the relatively longer arms 8 and 18 are in the center, so that said portion will always be the widest throughout the entire range of the device, thereby conforming more closely to conventional platter designs, generally oval.

The intermediate washers 14 provide clearance between the top arms 6 and 8, and the bottom arms 16 and 18 to eliminate excessive friction, thereby insuring a smooth motion to the device, and still bear sufficiently against said arms, under pressure of the stud 22 to enable the device to retain any desired setting.

The rubber inserts 28 protrude from the studs 22 and provide a soft but positive contact with the supporting surface, thereby minimizing the danger of skidding and also of marking or damaging said surface.

The pads 10 and 12 may be construed of a heat resistant, soft compound such as rubber or the like, and provide a cushion effect and further impart a generally esthetic appearance to the device.

For ease and simplicity of manufacture, the arms are all the same size except arms 8 and 18 which are relatively longer, but identical to one another, and it will readily be apparent that although by way of example, the device is illustrated and described as comprising a total of six arms, a greater, or smaller number, depending upon dimensional requirements, may be employed to advantage.

Although only two embodiments of the invention have been illustrated and described, other changes and modifications in the form and relative arrangement of parts which will be apparent to those skilled in the art, may be made without departing from the spirit and scope of the invention.

What is claimed is:

1. A stand comprising a plurality of arms, an equal number of identical arms beneath said first arms and pivoted thereto, a heat and shock resistant pad on the upper face of each of said upper arms formed to substantially match the contour of said arms, and a plurality of supports extending through said upper and lower arms to space said stand from a supporting surface, means about said supports separating said upper arms from said lower arms, said supports

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being provided with resilient footings to engage a supporting surface.

2. A stand comprising a plurality of arms of different lengths, an equal number of identical arms beneath said first arms and pivoted thereto, and a heat resistant pad on the upper face of each of said upper arms extending above said arms adapted to provide a cushioning effect, said arms being pivoted to each other by a plurality of supports to space said stand from a supporting surface, a spacer about said supports separating said upper and lower arms, said supports being provided with resilient fittings to engage a supporting surface.

3. In a variable area table stand adapted to support hot platters of various dimensions, the combination comprising, a plurality of flat upper arms, an equal number of flat lower arms, a plurality of studs pivotally attaching said upper and lower arms along the longitudinal centerlines of the arms, spacer means about each stud separating said upper and lower arms so as to permit free pivotal movement about said studs, a heat resistant cushioning strip on each of said upper arms, and a resilient insert on said studs providing a footing for said stand.

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