April 17, 1945. J. F. WELLMAN 2,374,156

TABLE PAD

Filed Nov. 15, 1943

Fig. 1.

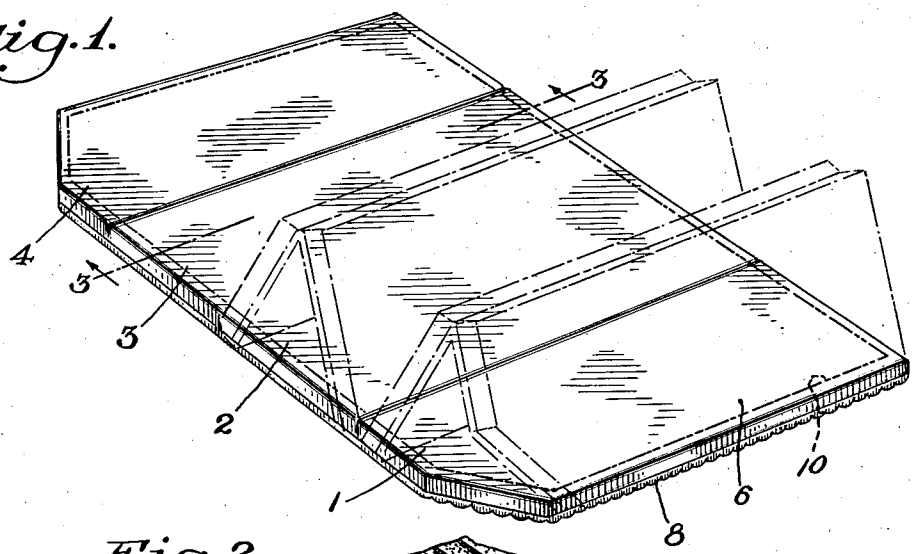


Fig. 2

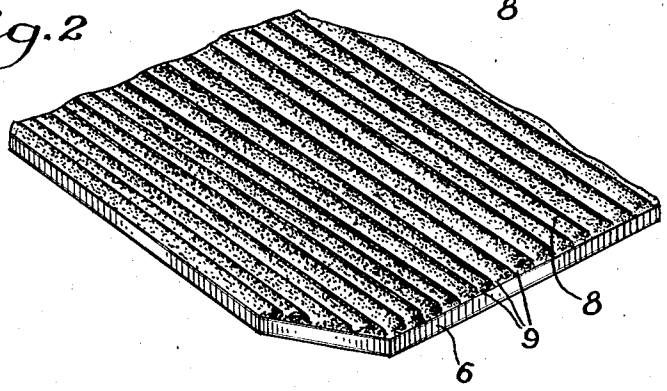
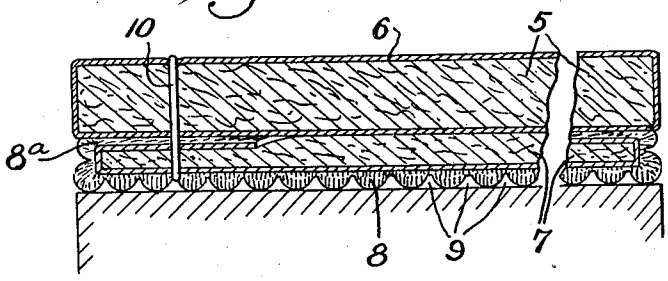


Fig. 3.



Inventor
John F. Wellman
By
Edward W. Weinert
Attorney.

Patented Apr. 17, 1945

2,374,156

UNITED STATES PATENT OFFICE

2,374,156

TABLE PAD

John F. Wellman, Chicago, Ill.

Application November 15, 1943, Serial No. 510,415

3 Claims. (Cl. 45—68)

This invention relates to a table pad of that type which is adapted to be placed upon a table to support hot or heated dishes or the like and concerns itself primarily with a novel base structure that provides for the free circulation of air to prevent objectionable condensation in the plane of the table top.

The invention comprises the novel structure and combination of parts hereinafter described and more particularly pointed out and defined in the appended claims.

In the accompanying drawing which illustrates a preferred form of this invention and in which similar reference numerals refer to similar features in the different views:

Figure 1 is a perspective view of a table pad involving this invention showing in dotted lines the common foldable character thereof.

Fig. 2 is a fragmentary bottom plan view of the base.

Fig. 3 is a sectional view taken substantially upon the line 3—3 of Fig. 1.

Referring now to the drawing, there is shown in Fig. 1 a table pad comprising the hinged sections 1, 2, 3 and 4 which allow it to be folded into compact form as is well known in the art. The upper part of each section comrises a separate ply of asbestos 5 or the like (Fig. 3) all of which are covered and tied together by a pyroxylin coated fabric sheet 6 which forms the folding hinges between the adjacent edges of the asbestos plies as is well known in the art.

The invention concerns itself more directly with the bottom portion of the pad which consists of asbstos plies 7 (Fig. 3) arranged edge to edge as in the top portion and covered with a single sheet or sheath 8 of fabric or other suitable material having ribs or corrugations 9 in its outer surface. In the present instance, this sheath consists of a corduroy fabric which is suitably ribbed as shown. This corduroy sheath need not extend completely around the asbestos plies; it is only necessary that it cover the bottom thereof with the margin 8a folded over the edges of the plies as shown in Fig. 3. The bottom portion of the pad may be stitched through the margins 8a to the top portion of the pad by stitches 10, (Fig. 3).

It will be noted that the corrugations extend lengthwise of the pad and across the lines of the hinge joints and communicate with such joints creating air ducts and allow a free circulation of air under the pad; the ribs between the corrugations serving as it were as legs for the pad when it is unfolded and placed upon a table.

In the past, it has been customary to provide such pads with a smooth and plain bottom or base that forms close contact with the table at all points, which caused objectionable condensation in many instances due to the transmitted heat. This condensation is largely eliminated through the use of the corrugated base which allows a free circulation of air beneath the pad.

I am aware that many changes may be made and various details of construction varied without departing from the principles of this invention, and I do not propose limiting the patent granted thereon otherwise than necessitated by the prior art.

I claim as my invention:

1. In a table pad, a plurality of foldable sections comprising top portions and base portions, said base portions being covered by a single flexible fabric sheet having ribs forming air conducting conduits therebetween and extending to the edges of the pad

2. In a table pad, a plurality of foldable sections, each section having a top portion and a base portion, a sheath of corduroy covering the bottom of all the base portions and providing air channels extending from edge to edge of the pad for the circulation of air and means for securing the base portion to the top portion.

3. In a table pad, a top portion, a bottom portion and a ribbed flexible fabric forming the base of the bottom portion, the ribs on said base forming air channels extending from edge to edge of the pad and providing for the circulation of air beneath the pad.

JOHN F. WELLMAN.