April 28, 1925. 1,535,556

F. THORNTON, JR

TOASTER BASE

Filed Aug. 18, 1923

Fig. 1.

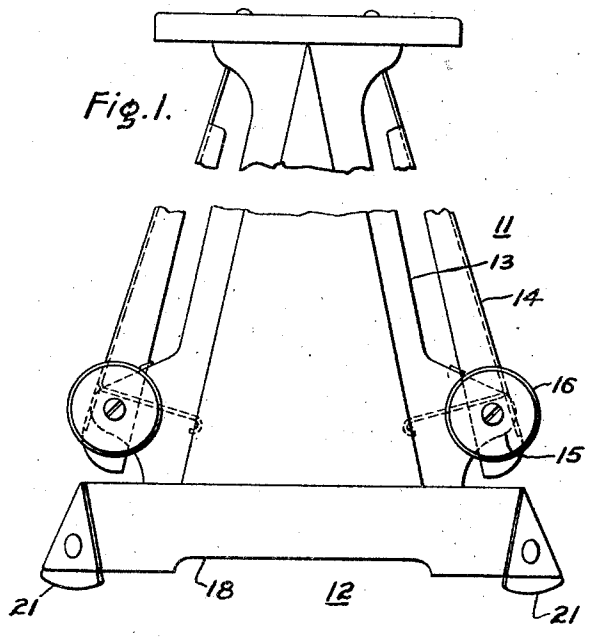


Fig. 2.

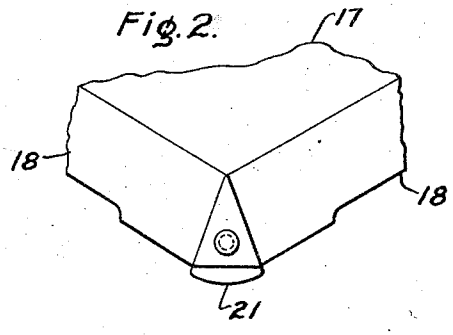
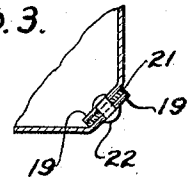


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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TOASTER BASE.

Application filed August 18, 1923. Serial No. 658,093.

To all whom it may concern:

Be it known that I, FRANK THORNTON, Jr., a citizen of the United States, and a resident of Wilkinsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Toaster Bases, of which the following is a specification.

My invention relates to table cooking devices, and particularly to bases for such devices.

The object of my invention is to provide a base for table cooking devices that is relatively simple and easily manufactured.

In practicing my invention, I provide a base punched from a single piece of relatively thin sheet metal and comprising a flat top portion, a plurality of integral depending flanges, and end portions on said flanges located in parallel-spaced, overlapping relation and disposed angularly relatively to the flanges. A relatively thin member of heat insulating material is located between the two spaced end portions and extends therebelow and is held in place by a suitable means, such as a screw or rivet.

In the single sheet of drawing,

Figure 1 is a view, in end elevation, of a base and part of a toaster comprising the device embodying my invention.

Fig. 2 is a view, in perspective, of a portion of a base comprising the device embodying my invention, and

Fig. 3 is a view, in horizontal section, through a corner of a base.

A toaster 11 which may for example be an electric toaster, comprises a base 12 and a plurality of vertically extending side frames 13 (only one of which is shown in the drawing). A plurality of trays 14, are pivotally supported in suitable integral extensions 15 of the side frames 13 and are actuated by suitable turning means 16 secured to the side portions of the respective trays.

This application is closely related to a copending application of O. A. Colby, Serial No. 630,271, filed April 6, 1923, and assigned to the Westinghouse Electric and Manufacturing Company to which application reference may be had for further details of construction other than the base.

The base 12 comprises a flat top portion 17 and a plurality of integral depending flanges 18. The contour of the base 12 may be any suitable or desired one, but is here illustrated as substantially rectangular. End portions 19 of the flanges 18 and integral therewith extend angularly relatively to the flanges 18 and are located in overlapping parallel-spaced relation relatively to each other, substantially as illustrated in Fig. 3 of the drawing. A foot, or supporting member 21, of a suitable heat insulating material, is located between the overlapping end portions 19 and extends a sufficient distance therebelow to hold the base 12 a small distance above the supporting surface.

A rivet 22 extends through the two co-operating end portions 19 and the member 21 located therebetween, to hold the three parts in close operative engagement. The integral depending flanges 18 are held in their proper operative position angularly disposed relatively to the top portion 17 by the hereinbefore described construction of end portions held by a rivet.

The hereinbefore described base may be easily and quickly manufactured by relatively few punching operations, alternate flanges being bent downwardly before the intermediate flanges, so that one of the end portions 19 of each co-operating pair, may be located outside of the other end portion 19. The polishing and plating operations usually effected after the punching of the base may be completed easily and quickly as all of the parts are plane in form and no inaccessible corners are provided.

Various modifications and changes in detail may be made without departing from the spirit and scope of the invention and such modifications are intended to be covered by the appended claims.

I claim as my invention:

1. A base comprising a plate having integral depending flange portions, the ends of which overlap, and a heat-insulating supporting member located between said overlapping ends.

2. A supporting structure comprising a plate having a plurality of integral depending flanges, the adjacent ends of which are located in overlapping, spaced relation, a heat-insulating supporting member located between said overlapping ends, and means for securing together said overlapping flange ends and said supporting member.

3. A base comprising a plate having a plurality of integral depending flange por-

tions, the adjacent ends of which are located in overlapping, parallel-spaced relation and angularly disposed relatively to the respective flange portions, a flat heat-insulating member located therebetween and extending therebelow, and means for securing together said flange ends and said supporting member.

4. In a base, in combination, a flat sheet metal plate having a plurality of integral depending flange portions angularly disposed relatively to each other, end portions on said flanges angularly disposed relatively to said flange portions and located in parallel-spaced, overlapping relation, a flat heat-insulating foot, of substantially triangular form, located between said overlapping end portions and extending therebelow, and a rivet for securing said foot between said end portions.

5. In a base for a toaster, in combination, a single punched sheet metal member comprising a flat top portion, a plurality of depending flanges and end portions on said flanges located in parallel-spaced overlapping relation and angularly disposed relatively to the flanges, supporting-members, of heat-insulating material located between each pair of end portions, and means for holding said supporting members securely between said respective end portions.

In testimony whereof, I have hereunto subscribed my name this 13th day of August 1923.

FRANK THORNTON, JR.