



# PATENT SPECIFICATION

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## COMPLETE SPECIFICATION.

### Improvements in Tea Strainers.

We, MARTIN FRANK, of 112 H, Schwarzenbergerstrasse, Grunhain, Saxony, Germany, a subject of Germany, and BING-WERKE, vorm. GEBR. BING A.—G., Blumenstrasse 16, Nurnberg, Germany, a German joint stock company, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

Tea strainers hitherto obtained in commerce with a handle stamped or pressed out or fixed in any other way entail a comparatively large waste of tinplate, because even in those cases where the metal is most favourably utilised, namely, with a so-called "cutting into each other", there is still a considerable waste of material which increases the expense of manufacture.

This disadvantage is almost entirely removed by the present invention by the fact that an equilateral triangle or equivalent is chosen as the blank for the tea strainer. This affords the possibility of cutting the blanks out of a strip or sheet of metal in such a way that hardly any material is wasted.

The tea strainer is, according to the present invention, so designed that the apices of the equilateral strainer blank form three gripping parts each of which is provided with a perforation. These perforations serve for hanging up the strainer and allow of obtaining a reliable grip on the latter.

Our invention will be clearly understood from the example illustrated in the annexed drawings in which

Figure 1 shows a metal strip from which the triangular tea strainer blanks are cut without waste.

Figure 2 shows a finished tea strainer in section along the line A—A of Figure 3 and

Figure 3 shows a plan view of the tea strainer.

On Figure 1 the tea strainer blanks *a*, each of which is in the form of an equilateral triangle, are cut from a strip into each other in such a way that to each two adjoining strainer blanks there is one common line of cut *s*. To the dished part of the strainer *r* there are stamped three gripping parts or lugs *g*, which are each provided with a perforation *l*, used for suspending and holding the strainer. These perforations *l* are formed with a bead *w*, so that they also allow of easy gripping and holding between the thumb and second phalanx of the index finger. The three gripping parts *g* also allow of uniform and good seating of the strainer on cups and pots of various diameters, which is not the case with the ordinary strainer with round supporting edge, because this edge is not so board as the breadth of the gripping lug measured from the largest circle of the strainer part *b* to the rounded edge. The edges *k* of the triangle are also bent to form a bead and pass around the strainer part *b* at a slight distance from the latter, but may also be in contact with it.

The scope of the invention is not exceeded if, instead of an equilateral triangle, an isosceles triangle is used, or instead of a triangle a square, a rectangle or a hexagon, because these geometric figures also allow of cutting the blanks without waste, although they require considerably more material than the triangular form and are not favourable from the point of view of formation of the gripping parts or lugs.

The saving of material in the invention as described as compared with the known strainers is very considerable so that the strainer is much cheaper to make.

The strainer can be made of iron

[Price 1/-]

plate, drawn and enamelled, or made of other metals likewise.

5 The hygienic problem must be considered as solved by the new tea strainer because on handing the strainer from one person to another the receiver of the strainer involuntarily grips one of the two free gripping lugs and any contact of the strainer body with the finger of 10 the receiver is therefore prevented with certainty.

In addition the strainer is very easy to hang up because there are always two hanging holes available when the 15 strainer is held by one lug with the hand.

Having now particularly described and ascertained the nature of our said inven-

tion, and in what manner the same is to be performed, we declare that what we claim is:— 20

1. A tea strainer constructed in the form of an equilateral triangle or equivalent, the apices of which are designed so as to form gripping parts or lugs lying in the same plane and each provided with 25 a perforation.

2. The improved tea strainer constructed substantially as described with reference to the annexed drawings.

Dated this 9th day of February, 1924. 30

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Fig.1.

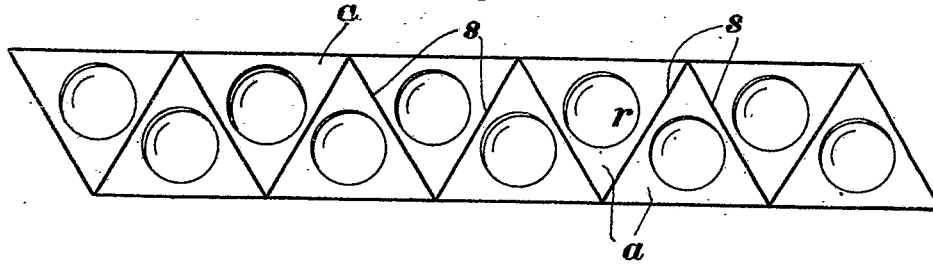


Fig.2.

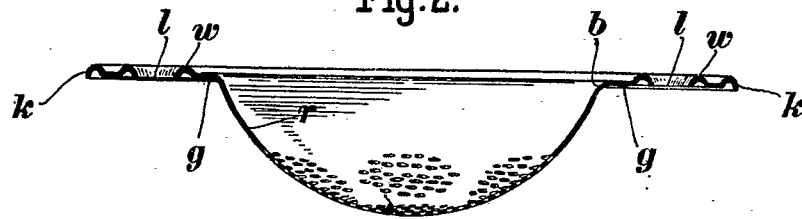
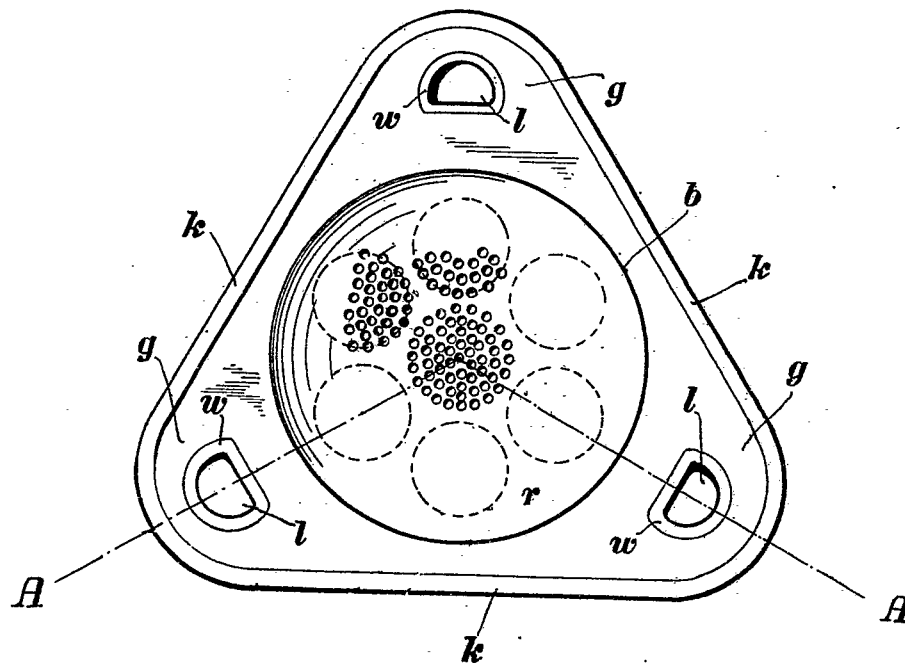


Fig.3.



[This Drawing is a reproduction of the Original on a reduced scale.]