May 24, 1949. L. A. CASNATI 2,471,308

SANITARY HOLDER FOR SMALL ARTICLES

Filed Dec. 8, 1947 2 Sheets-Sheet 1

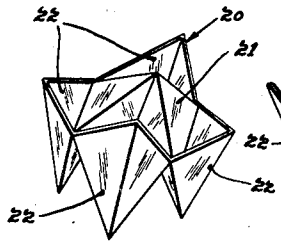


Fig. 1

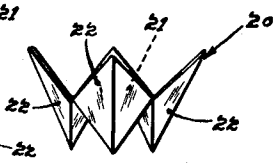


Fig. 2

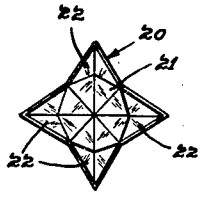


Fig. 3

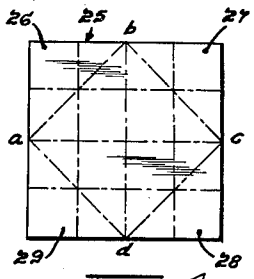


Fig. 4

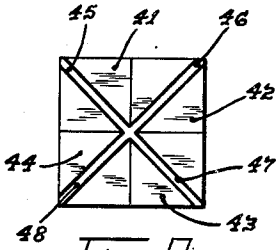


Fig. 8

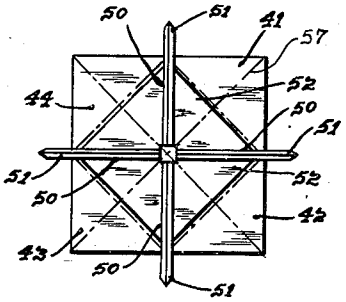


Fig. 9

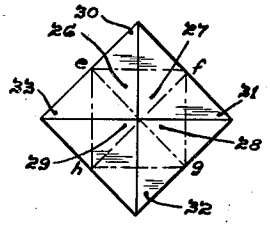


Fig. 5

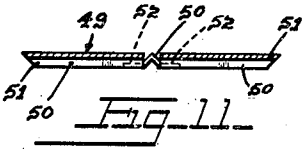


Fig. 11

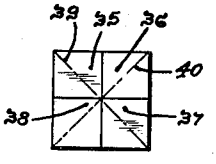


Fig. 6

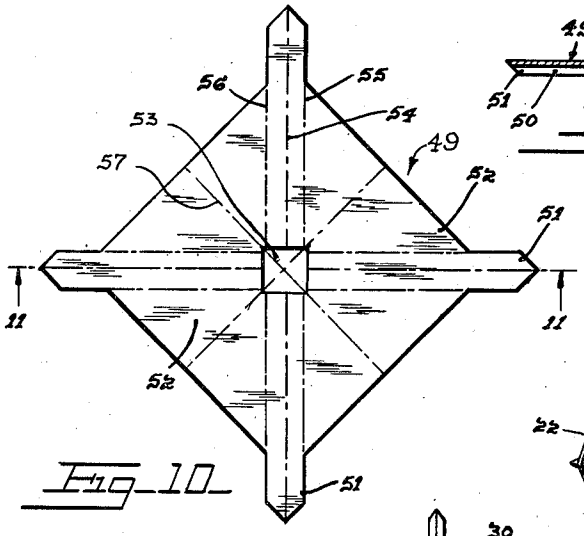


Fig. 10

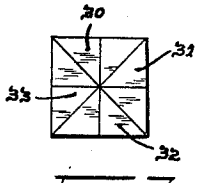


Fig. 7

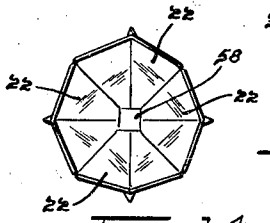


Fig. 14

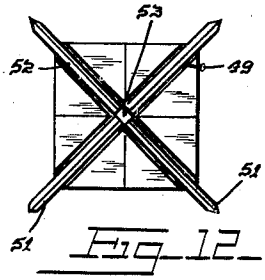


Fig. 12

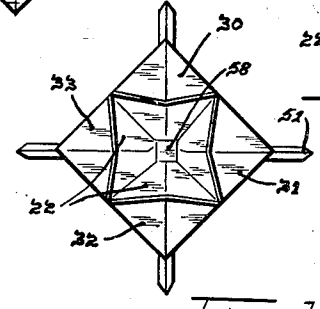


Fig. 13

INVENTOR.
LOLA A. CASNATI

BY

ATTORNEY

May 24, 1949. L. A. CASNATI 2,471,308

SANITARY HOLDER FOR SMALL ARTICLES

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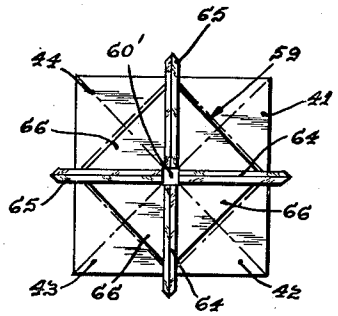


Fig. 15

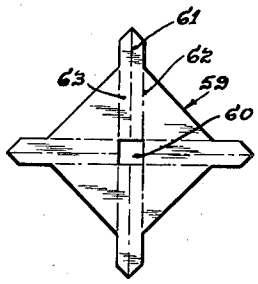


Fig. 16

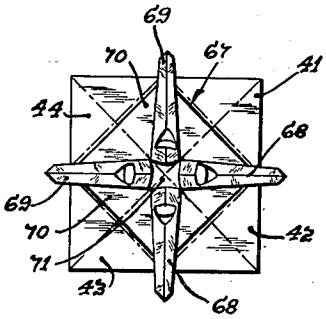


Fig. 17

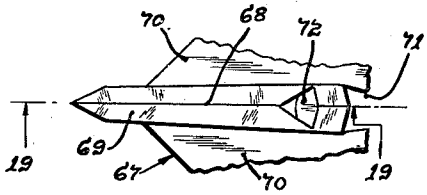


Fig. 18

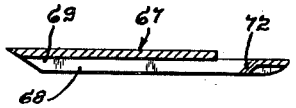


Fig. 19

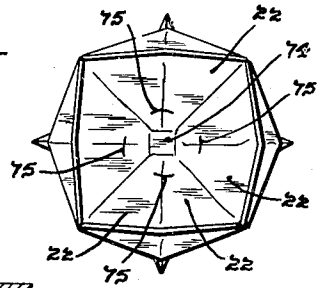


Fig. 20

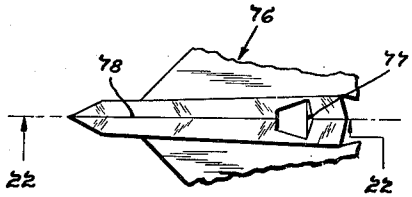


Fig. 21

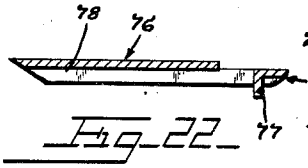


Fig. 22

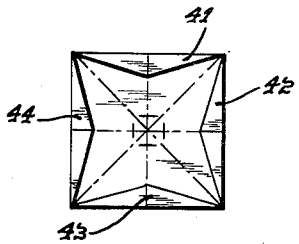


Fig. 25

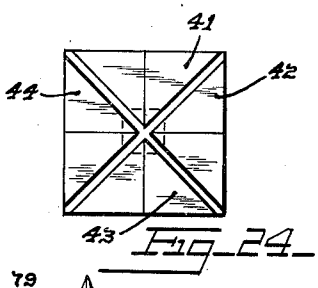


Fig. 24

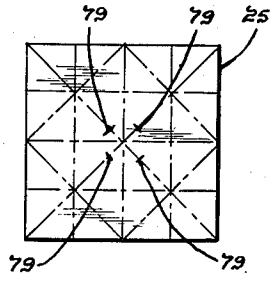


Fig. 23

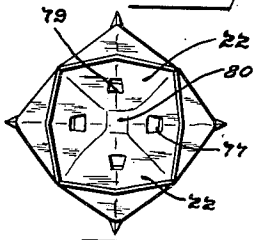


Fig. 26

INVENTOR.
LOLA A. CASNATI

BY

ATTORNEY

Patented May 24, 1949

2,471,308

UNITED STATES PATENT OFFICE

2,471,308

SANITARY HOLDER FOR SMALL ARTICLES

Lola A. Casnati, New York, N. Y.

Application December 8, 1947, Serial No. 790,419

12 Claims. (Cl. 294—25)

1

This invention relates to new and useful improvements in sanitary holders of the kind disclosed in my U. S. Patent No. 2,373,651, in connection with the instant invention.

Said holder is made by folding a sheet of paper or the like in such manner that the holder incorporates an upwardly directed central collapsible apex portion, and a plurality of downwardly directed side apex pocket portions into which side pocket portions, after the holder has been inverted, may be engaged one's fingers for compressing the side apex pocket portions toward each other by collapsing said central apex portion. Incidental to such collapse, the then bottoms of the side pocket portions may be moved in toward each other.

Also according to the patent aforesaid, artificial gripping fingers are mounted on said sheet in such manner that with the holder inverted as above, said artificial fingers are projected beyond said bottoms of the side pocket portions and serve to grip, hold and pick up various articles, while direct contact between the hand and the article is avoided, and therefore the fingers of the hand are shielded from the chemicals in the articles and vice versa.

According to the present invention which may be used best in connection with a folded holder modified from that of the patent aforesaid, there are provided improved constructions for the artificial fingers, these fingers below called the tongs, and improved ways of connecting said tongs to and mounting them on said sheet, and an improved behavior for the holder when used in picking up all kinds of articles, as for instance, wads of cotton batting, pieces of sterile gauze and other like articles having to be manually handled in beauty parlors, nurseries, hospitals and home sick rooms; candies and other food units or masses and all other articles and objects, whatever be the nature thereof, having to be handled in business and industry generally, where the article handled should be protected against contamination or deterioration from direct human finger contact, and where at the same time, the finger tips should be kept clear of sticky or mussy contact with the article or contact with dyes, acids and the like carried thereby.

Another feature of the present invention is the holder modification referred to in the fore part of the immediately preceding paragraph.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description

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and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing forming a material part of this disclosure:

Fig. 1 shows in perspective the folded sheet structure of a holder of the kind disclosed in the patent aforesaid.

Fig. 2 is a side elevation thereof.

Fig. 3 is a top plan view thereof.

Fig. 4 shows the paper sheet or blank which, folded along the lines indicated in dot and dash, produces said folded sheet structure.

Fig. 5 shows said structure partially completed as the result of making four first-performed folds.

Fig. 6 shows one side of the structure resulting from further folding of said paper sheet.

Fig. 7 shows the opposite side of the structure of Fig. 6.

Fig. 8 is, on an enlarged scale, a view similar to Fig. 7, but showing, pursuant to the present invention, a modified folding of the sheet structure.

Fig. 9 shows the sheet structure after being folded as in Figs. 6 and 8, partially opened up by swinging outward through 180° the four triangular flaps shown in Fig. 8, and also showing a special addition suitably secured thereto, such addition pursuant to, and including tongs pursuant to, the present invention.

Fig. 10 shows, on a further enlarged scale, the auxiliary blank from which said addition is made.

Fig. 11 is, on the same scale as in Fig. 9, a sectional detail view taken on the line 11—11 of Fig. 10.

Fig. 12 shows the paper sheet after suitable securement thereof of said addition, again arranged as in Fig. 8.

Fig. 13 is a top plan view of the device of Fig. 12, after being inverted.

Fig. 14 is a view similar to Fig. 13, but showing the shape readily assumed by the side pockets when spread to receive one's fingers.

Fig. 15 is a view similar to Fig. 9, but showing, suitably secured to the partially folded sheet structure, another form of special addition pursuant to the invention.

Fig. 16 shows the auxiliary blank from which said addition is made.

Fig. 17 is a view also similar to Fig. 9, but showing, suitably secured to the partially folded sheet structure, still another form of special addition pursuant to the invention.

Fig. 18 is an enlarged fragmentary view of a portion of the special addition of Fig. 17.

Fig. 19 is a detail sectional view, taken on the line 19—19 of Fig. 18.

Fig. 20 is a top plan view of the device when equipped with the special addition of Fig. 17 after the sheet structure has been refolded in the manner shown in Fig. 12, following securement of said addition thereto, and after the device has been inverted for use.

Fig. 21 is a view similar to Fig. 18, but showing a variation in the special addition of Fig. 17.

Fig. 22 is a detail sectional view taken on the line 22—22 of Fig. 21.

Fig. 23 is a view similar to Fig. 4, but showing a modification of the paper sheet in that the same is provided with four slits to adapt the folded structure made from this sheet to be used with the special addition of Figs. 21 and 22.

Fig. 24 shows said paper sheet folded as in Fig. 8, the locations of said slits being here indicated in broken lines.

Fig. 25 shows the folded sheet structure of Fig. 8 with the four triangular flaps there seen swung up almost vertical, to expose said slits.

Fig. 26 is a top plan view of the device made from the paper sheet of Fig. 23, after folding said sheet in the same manner the sheet of Fig. 4 is folded, after then applying the special addition of Figs. 21 and 22, after then refolding the sheet structure to the condition indicated in Fig. 12, and after then inverting the device for use.

Referring first to Figs. 1–7, the foldings and the resulting characteristics of the folded sheet structure of the patent aforesaid, will preliminarily be here described, to avoid unnecessary reference to said patent.

Employing in this connection the same reference characters as used in said patent, the folded structure **20** is formed from a single blank or sheet of paper or any other suitable material as there explained; such sheet is so folded as to provide an upwardly directed central apex portion **21** which is collapsible and expandable due to its inherent resiliency, and a plurality of downwardly directed side apex pocket portions **22** into which one may engage one's fingers for pressing the bottoms of the side apex pocket portions **22** towards each other. When the pocket portions **22** are released, the central apex portion **21** will expand back to its initial position due to the resiliency of the folds of the paper from which it is made.

The folded structure **20** is formed from a square blank **25** illustrated in a completely developed position in Fig. 4. The four corners **26**, **27**, **28** and **29** of the blank are first bent inwards along the lines *ab*, *bc*, *cd* and *da*, respectively, so that the sheet now looks as illustrated in Fig. 5. From this condition of the sheet, the new corners **30**, **31**, **32** and **33** are bent beneath along the lines *ef*, *fg*, *gh* and *he*, respectively. The folded blank now appears as illustrated in Fig. 6. When the blank is then turned up side down, the bottom side is now at the top and appears as illustrated in Fig. 7.

With the folded sheet in the condition shown in Fig. 7, the four inner corners indicated in Fig. 6 by the reference numerals **35**, **36**, **37** and **38** are opened and the central portion of the sheet is forced upwards and bent along the diagonal lines **39** and **40** producing a folded sheet structure which, by insertion of one's fingers into the side pockets **22**, may be expanded as shown in Figs. 1 and 2.

Referring first to a modified form of folded sheet structure made from the sheet **25** pursuant to the present invention, this, as shown in Fig. 8, involves the folding in of each of the triangular flaps **41**, **42**, **43** and **44** along lines somewhat outwardly offset from the lines *ef*, *fg*, *gh* and *he* of Fig. 5, thereby to provide four slender, elongate and diagonally extending openings **45**, **46**, **47** and **48**.

These openings are provided for the protrusion there through of rib-like formations on the special addition **49**, which formations, marked **50**, will below be called the ribs.

The outer ends of the ribs **50** provide four tongs **51**, which tongs, like the ribs of which they form a part, are V-shaped in cross-section, and therefore are able to be pointed as shown, yet retain great strength against bending, even when the addition **49** is made of fairly light-weight material, provided that material is somewhat stiffer than ordinary paper. Such material may well be a plastic, a so-called fibre, or any fairly stiff and relatively inexpensive composition material.

Another advantageous feature of the invention is that said ribs and consequently said tongs are all integral parts of a single structure, the addition **49** which, it will be noted, is generally cruciform in outline. This integrity of all the ribs and tongs with the remainder of the addition **49**, adds strength to all the parts, and affords the further advantage that in adding the tongs to the folded sheet structure, merely the single addition **49** is added, thereby saving time and labor.

Beyond the root portions of the tongs **51**, the ribs **50** are connected by webs **52** and become adjacent with each other at a central square opening **53** in the addition **49**.

The arrangement is such that when the addition **49** is folded in one direction along the line **54** of Fig. 10, and along the other three lines corresponding to the line **54**, and then folded in the opposite direction along the lines **55** and **56**, and along the other eight lines corresponding thereto, and at the same time folded in the direction last-mentioned along the short diagonal line **57**, and along the other three lines corresponding thereto, the addition **49** is completed. All these foldings can be done at a single operation, by use of suitable male and female dies, as will be understood.

On the completion of said foldings, the crests of the ribs **50** are marked by the lines **54** and the lines corresponding thereto, the bases of said ribs are marked by the lines **55** and **56** and the lines corresponding thereto, and the webs **52** are in the plane of the bottoms of the ribs. The under sides of said webs offer fairly large areas for ready adhesive attachment of the addition **49** to the folded sheet structure when said addition is arranged in relation thereto as shown in Fig. 9.

When, thereafter, the triangular flaps **41**, **42**, **43** and **44** are folded back to the positions shown in Fig. 8, that is, to overlap and pocket the webs **52**, the device will be as seen in Fig. 12.

On now inverting the device, and very slightly squeezing the same toward collapse in response to the various fold lines set up in the folded sheet structure, the device becomes automatically disposed substantially as shown in Fig. 13; that is, the side pockets **22** are automatically partially opened, making it very easy to expand said pockets as shown in Fig. 14.

This automatic partial opening of the pockets **22** is an important feature of the invention, and

in part is a result of the action of the fairly stiff webs 52 in applying a flatwise pressure to the inner surfaces of the four walls of the central apex portion, thereby to make almost uniplanar the two triangular segments componential of each of said walls.

The new advantage of said automatic partial opening of the pockets 22 is in part also a result of the merging portions of the webs 52 around the opening 53 of the addition 49 flatwisely pressing against the inside of the top of said central apex portion, thereby to establish such top as a substantially square and horizontal subdivision 58, which is, in effect, a truncation of said central apex portion.

This flattening out of the four walls of the central apex portion results, in turn, in almost a flattening out of the two triangular segments componental of the outer wall of each of the side pockets 22.

There is, therefore, no need to repeatedly pick at the upper tips of the outer walls of the side pockets 22 for opening up said pockets.

Referring to the modification shown in Fig. 15, the special addition as a whole is marked 59, and here again, an addition is provided which is substantially cruciform in outline, having a square central opening 60 (Fig. 16) which becomes reduced in size in plan as at 60' in Fig. 15 when the auxiliary blank for the addition 59 is folded along the lines 61, 62 and 63 and along the lines corresponding thereto in the same manner as described above in connection with the addition 49, thereby to establish four ribs 64 of V-shaped cross-section terminating at their free ends in tongs 65. Here, however, instead of the eight webs 52, four substantially triangular wings 66 are provided.

With this addition 59 used in connection with the folded sheet structure in the same manner as described above in relation to the form of the invention shown in Figs. 9–14, after said addition 59 is adhesively secured to said sheet structure by way of the wings 66 when said sheet structure is in the condition shown in Fig. 15—the same condition of the sheet structure as described above in regard to the addition 49 (note the flaps 41—44 in Fig. 15) a tongs-carrying holder according to the invention is provided having all the advantages mentioned in regard to the device of Figs. 13 and 14.

Referring to the modification shown in Figs. 17–20 the special addition, as a whole marked 67, is too, as shown in Fig. 17, of generally cruciform outline. The four ribs 68, providing at their free ends the tongs 69 are V-shaped in cross-section and joined by webs 70 similar to the webs 52. These parts are provided by foldings like those described in connection with the blank of Fig. 10, such foldings running toward a central square opening 71, so that, as indicated at 71' in Fig. 18, said opening becomes diminished in size in plan. The webs 70 may be bent over or sealed together to form finger grip support without the use of the folding over sheet.

Said opening is further reshaped in plan, as also indicated in Fig. 18, due to a gradual widening and flattening of the root portions of the ribs 68, where tongues are struck from such rib portions to provide four downwardly extended tabs 72.

With this addition 67 used in connection with the folded sheet structure (note here again the flaps 41—44) in the same manner as described in relation to the already explained embodiments,

a tongs-carrying holder according to the invention is provided having all the advantages mentioned in regard to the device of Figs. 9–14, and furthermore, as shown in Fig. 20, not only to obtain a flattened top central formation 74 corresponding to the formation 58, but also to provide outwardly bulging formations 75 at points on the four walls of the central apex portion of the device.

These formations 75 are established by the tabs 72 because with the device arranged as in Fig. 20, the addition 67 has been inverted relative to the showing thereof in Figs. 17 and 18; that is, to have the crests of the ribs 68 lowermost so that the downwardly directed tabs 72 of Figs. 18 and 19 are now directed upwardly outwardly against the inner sides of the four walls of the central apex portion, and so as to locate said bulges somewhat below the formation 74.

As a consequence, the side pockets 22 become specially shaped stalls within which the fingers of one's hand may be particularly securely positioned.

Referring to the variation shown in Figs. 21–26, the special addition 76 is here also substantially cruciform in outline, and is in most respects identical with the addition 67; indeed is entirely so, except that the four tabs corresponding to the tabs 72, the one of which shown is marked 77, are substantially perpendicularly offset from the associated ribs, the one shown of said ribs being marked 78.

Each of the tabs 77 and the other three like tabs, when the addition 76 is used in connection with the folded sheet structure (note, once more, and in Figs. 24 and 25, the flaps 41—44) as described in relation to the already explained embodiments, are for insertion through the four slits 79 preparatorily cut in the paper blank or sheet 25, so that when the folded sheet structure has been refolded (as in Fig. 12) to enclose the addition 76, and the device has been inverted, and very slightly squeezed toward collapse in response to the various fold lines set up in the folded sheet structure, the device becomes automatically disposed as in Fig. 26.

Then in this case also, a top central formation 80 corresponding to the formation 54 will be present, but instead of the bulges 75, the tabs 77 project upwardly and outwardly through the slits 79 to constitute positive seizure members for coacting with fingers inserted in the side pockets 22. The slits 79 may also be entirely eliminated if desired.

While the advantage has been mentioned that in all the shown forms of the invention, due to the fact that a single addition is used having integral therewith all the artificial fingers or tongs, adhesive coupling of such tongs with the folded sheet structure is made exceedingly simple and inexpensive, it should be pointed out that due to the integrity of said tongs with the addition and wing elements carried thereby adjacent to the tong-carrying ribs, the tongs may be relied on to remain always properly in place on the device merely as the result of the folding back of the flaps 41—44 to enclose such wing elements as indicated in Fig. 12. Moreover, in the case of the variation of Figs. 21–26, particularly, there is an actual mechanical interlock between the folded sheet structure and the addition, due to the passage of the tabs 77 through the slits 79.

In all the illustrated forms of the invention, the tong tips have been shown as pointed. As will be understood, they can be given any desired

shape so as, for instance, to be hooked, spatulate, bifurcated, comb-like with three or more teeth, rounded, etc., dependent on the type of article to be handled.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

Having thus described my invention, what I claim as new, and desire to secure by United States Letters Patent is:

1. A sanitary holder for picking up small articles comprising a sheet of folded paper or like material having an upwardly directed central apex portion and a plurality of downwardly directed side apex portions into which one may engage one's fingers for pressing the side apex portions toward each other, and tongs carried by said folded sheet and projecting from the bottom portions of said side apex portions, there being an addition of foldable sheet material integrally carrying all said tongs, said addition interfitted with certain of the folded portions of said sheet.

2. A sanitary holder for picking up small articles comprising a sheet of folded paper or like material having an upwardly directed central apex portion and a plurality of downwardly directed side apex portions into which one may engage one's fingers for pressing the side apex portions toward each other, and tongs carried by said folded sheet and projecting from the bottoms portions of said side apex portions, there being an addition of foldable sheet material integrally carrying all said tongs, said addition interfitted with certain of the folded portions of said sheet, said tongs being carried at the outer ends of ribs established by foldings of said addition.

3. A sanitary holder for picking up small articles comprising a sheet of folded paper or like material having an upwardly directed central apex portion and a plurality of downwardly directed side apex portions into which one may engage one's fingers for pressing the side apex portions toward each other, and tongs carried by said folded sheet and projecting from the bottom portions of said side apex portions, there being an addition of foldable sheet material integrally carrying all said tongs, said addition interfitted with certain of the folded portions of said sheet, said tongs being carried at the outer ends of ribs established by foldings of said addition, said rib-establishing foldings being so aligned as to establish said ribs and tongues, over at least a major portion of the length of each, as formations V-shaped in cross-section.

4. A sanitary holder for picking up small articles comprising a sheet of folded paper or like material having an upwardly directed central apex portion and a plurality of downwardly directed side apex portions into which one may engage one's fingers for pressing the side apex portions toward each other, and tongs carried by said folded sheet and projecting from the bottom portions of said side apex portions, there being an addition of foldable sheet material integrally carrying all said tongs, said addition interfitted with certain of the folded portions of said sheet, said tongs being carried at the outer ends of ribs established by foldings of said addition, said rib-establishing foldings being so aligned as to establish said ribs and tongues, over at least a major portion of the length of each, as formations V-shaped in cross-section, said addition being formed from a blank substantially cruciform in outline.

5. A sanitary holder for picking up small articles comprising a sheet of folded paper or like material having an upwardly directed central apex portion and a plurality of downwardly directed side apex portions into which one may engage one's fingers for pressing the side apex portions toward each other, and tongs carried by said folded sheet and projecting from the bottom portions of said side apex portions, there being an addition of foldable sheet material integrally carrying all said tongs, said addition interfitted with certain of the folded portions of said sheet, said tongs being carried at the outer ends of ribs established by foldings of said addition, said rib-establishing foldings being so aligned as to establish said ribs and tongues, over at least a major portion of the length of each, as formations V-shaped in cross-section, said addition being formed from a blank substantially cruciform in outline and having a central opening outwardly from which said ribs radiate.

6. A sanitary holder for picking up small articles comprising a sheet of folded paper or like material having an upwardly directed central apex portion and a plurality of downwardly directed side apex portions into which one may engage one's fingers for pressing the side apex portions toward each other, and tongs carried by said folded sheet and projecting from the bottom portions of said side apex portions, there being an addition of foldable sheet material integrally carrying all said tongs, said addition interfitted with certain of the folded portions of said sheet, said tongs being carried at the outer ends of ribs established by foldings of said addition, said rib-establishing foldings being so aligned as to establish said ribs and tongues, over at least a major portion of the length of each, as formations V-shaped in cross-section, said addition being formed from a blank substantially cruciform in outline and having a central opening outwardly from which said ribs radiate, said addition also including webs arranged interveningly of said ribs.

7. A sanitary holder for picking up small articles comprising a sheet of folded paper or like material having an upwardly directed central apex portion and a plurality of downwardly directed side apex portions into which one may engage one's fingers for pressing the side apex portions toward each other, and tongs carried by said folded sheet and projecting from the bottom portions of said side apex portions, there being an addition of foldable sheet material integrally carrying all said tongs, said addition interfitted with certain of the folded portions of said sheet, said tongs being carried at the outer ends of ribs established by foldings of said addition, said rib-establishing foldings being so aligned as to establish said ribs and tongues, over at least a major portion of the length of each, as formations V-shaped in cross-section, said addition being formed from a blank substantially cruciform in outline and having a central opening outwardly from which said ribs radiate, said addition also including webs arranged interveningly of said ribs, one such web between each pair of adjoining ribs.

8. A sanitary holder for picking up small articles comprising a sheet of folded paper or like material having an upwardly directed central

apex portion and a plurality of downwardly directed side apex portions into which one may engage one's fingers for pressing the side apex portions toward each other, and tongs carried by said folded sheet and projecting from the bottom portions of said side apex portions, there being an addition of foldable sheet material integrally carrying all said tongs, said addition interfitted with certain of the folded portions of said sheet, said tongs being carried at the outer ends of ribs established by foldings of said addition, said rib-establishing foldings being so aligned as to establish said ribs and tongues, over at least a major portion of the length of each, as formations V-shaped in cross-section, said addition being formed from a blank substantially cruciform in outline and having a central opening outwardly from which said ribs radiate, said addition also including webs arranged interveningly of said ribs, one such web at each of the opposite sides of the basal limits of each rib.

9. A sanitary holder for picking up small articles comprising a sheet of folded paper or like material having an upwardly directed central apex portion and a plurality of downwardly directed side apex portions into which one may engage one's fingers for pressing the side apex portions toward each other, and tongs carried by said folded sheet and projecting from the bottom portions of said side apex portions, there being an addition of foldable sheet material integrally carrying all said tongs, said addition interfitted with certain of the folded portions of said sheet, said tongs being carried at the outer ends of ribs established by foldings of said addition, said rib-establishing foldings being so aligned as to establish said ribs and tongues, over at least a major portion of the length of each, as formations V-shaped in cross-section, said addition being formed from a blank substantially cruciform in outline and having a central opening outwardly from which said ribs radiate, said addition also including webs arranged interveningly of said ribs, the foldings for establishing said ribs being so extended toward said opening that when said addition is interfitted with said sheet and the parts are arranged to establish the holder, said central apex portion has imparted thereto by said addition, a substantially flat and horizontal truncation.

10. A sanitary holder for picking up small articles comprising a sheet of folded paper or like material having an upwardly directed central apex portion and a plurality of downwardly directed side apex portions into which one may engage one's fingers for pressing the side apex portions toward each other, and tongs carried by said folded sheet and projecting from the bottom portions of said side apex portions, there being an addition of foldable sheet material integrally carrying all said tongs, said addition interfitted with certain of the folded portions of said sheet, said tongs being carried at the outer ends of ribs established by foldings of said addition, said rib-establishing foldings being so aligned as to establish said ribs and tongues, over at least a major portion of the length of each, as formations V-shaped in cross-section, said addition being formed from a blank substantially cruciform in outline and having a central opening outwardly from which said ribs radiate, said addition also including webs arranged interveningly of said ribs, said ribs near said opening

having portions locally projected in directions to establish outward bulges near the upper ends of the side walls of said central apex portion.

11. A sanitary holder for picking up small articles comprising a sheet of folded paper or like material having an upwardly directed central apex portion and a plurality of downwardly directed side apex portions into which one may engage one's fingers for pressing the side apex portions toward each other, and tongs carried by said folded sheet and projecting from the bottom portions of said side apex portions, there being an addition of foldable sheet material integrally carrying all said tongs, said addition interfitted with certain of the folded portions of said sheet, said tongs being carried at the outer ends of ribs established by foldings of said addition, said rib-establishing foldings being so aligned as to establish said ribs and tongues, over at least a major portion of the length of each, as formations V-shaped in cross-section, said addition being formed from a blank substantially cruciform in outline and having a central opening outwardly from which said ribs radiate, said addition also including webs arranged interveningly of said ribs, the folds of said sheet including four folds for providing three finally folded flaps, each substantially triangular in outline for substantially covering one side of a folded sheet structure which is flat and square, said flaps being folded along lines so relatively placed that between each two adjoining flaps, there is an elongate space extending diagonally of such square, said spaces for protrusion therethrough of said ribs when said webs are covered by said flaps.

12. A sanitary holder for picking up small articles comprising a sheet of folded paper or like material having an upwardly directed central apex portion and a plurality of downwardly directed side apex portions into which one may engage one's fingers for pressing the side apex portions toward each other, and tongs carried by said folded sheet and projecting from the bottom portions of said side apex portions, there being an addition of foldable sheet material integrally carrying all said tongs, said addition interfitted with certain of the folded portions of said sheet, said tongs being carried at the outer ends of ribs established by foldings of said addition, said rib-establishing foldings being so aligned as to establish said ribs and tongues, over at least a major portion of the length of each, as formations V-shaped in cross-section, said addition being formed from a blank substantially cruciform in outline and having a central opening outwardly from which said ribs radiate, said addition also including webs arranged interveningly of said ribs, said ribs near said opening having portions locally projected in directions to establish outward bulges near the upper ends of the side walls of said central apex portion, said locally projected rib portions being struck-out tongues, and said sheet having slits so placed that when said addition is added to the folded sheet, said tongues pass through said slits, said tongues being so directed and so passed through said slits, that said tongues extend through the walls of said central apex portion into said side apex portions for seizure coaction with one's fingers engaged with said side apex portions.

LOLA A. CASNATI.

No references cited.