

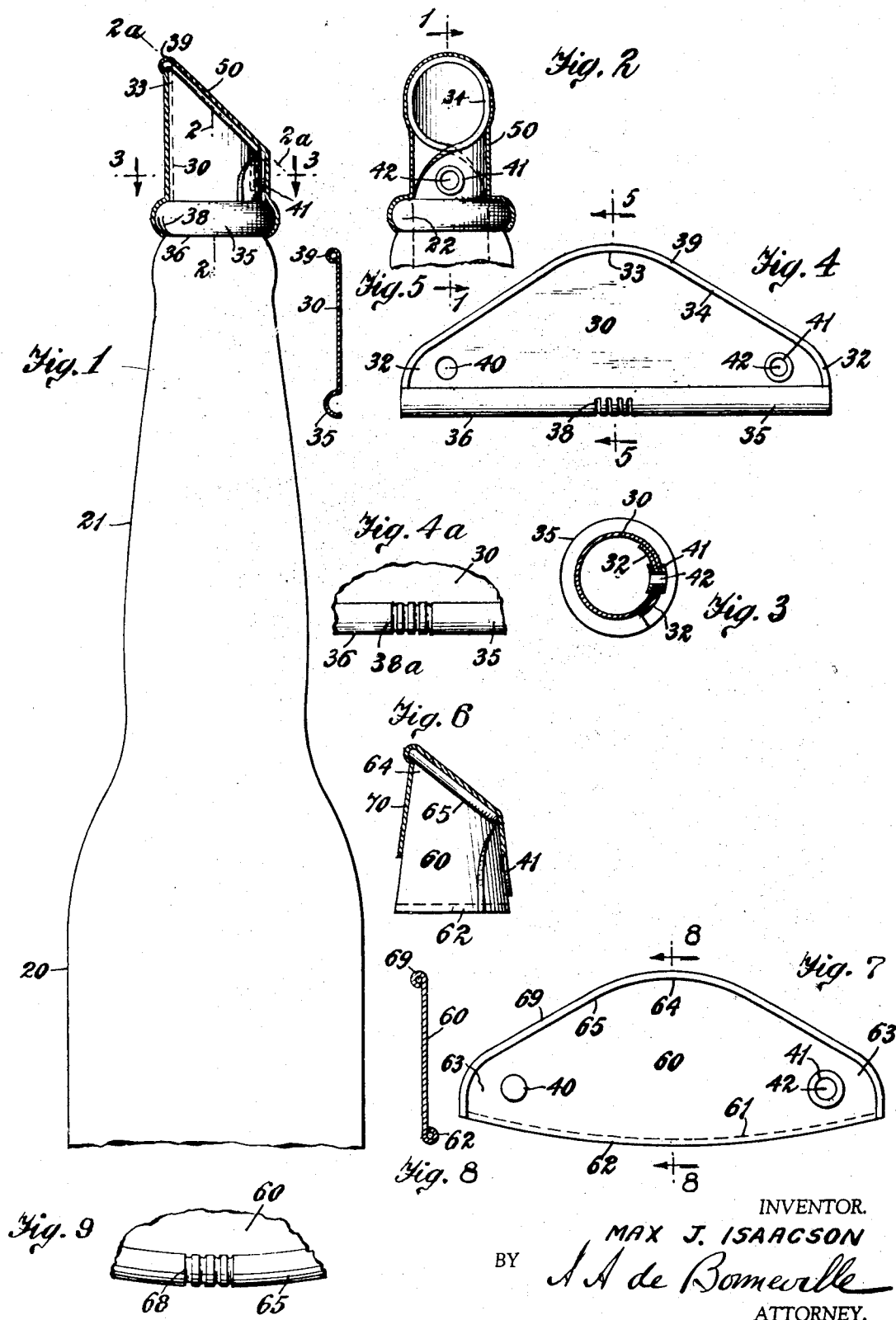
April 18, 1939.

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2,155,049

SPOUT ATTACHMENT FOR BOTTLES AND OTHER CONTAINERS

Filed Oct. 2, 1936



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2,155,049

SPOUT ATTACHMENT FOR BOTTLES AND
OTHER CONTAINERS

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Application October 2, 1936, Serial No. 103,630

1 Claim. (Cl. 215—100)

This invention relates to a spout attachment for bottles and other containers for fluids, beverages and the like.

5 The object of the invention is the production of a spout attachment for a bottle and the like, by means of which the contents of a bottle or other container may be drunk without contacting the lips with the mouth or neck of the bottle.

10 The second object of the invention is the production of a spout attachment for bottles or other containers, which is easily attached thereto and which is sanitary.

15 The third object of the invention is the production of a spout attachment for the neck of a bottle or other container which is made of paper or other suitable material and which is covered with Cellophane, tissue paper and the like until used.

20 In the accompanying drawing Fig. 1 represents an elevation of a bottle with a side view of an exemplification of the spout attachment and a partial section on a plane through the line 1, 1 of Fig. 2; Fig. 2 shows a partial right hand view of Fig. 1 with a partial section of Fig. 1 on the lines 2, 2 and 2a, 2a; Fig. 3 indicates a section of Fig. 1 on the line 3, 3; Fig. 4 shows an outside elevation of the blank for making the spout attachment indicated in Figs. 1, 2 and 3, Fig. 4a shows a fragmentary portion of Fig. 4 with a modification; Fig. 5 is a section of Fig. 4 on the line 5, 5; Fig. 6 represents a side view of a modification of the spout attachment with an element in vertical section; Fig. 7 shows an outside elevation of the blank for making the spout attachment indicated in Fig. 6; Fig. 8 is a section of Fig. 7 on the line 8, 8 and Fig. 9 shows a fragmentary portion of Fig. 7 with a modification.

Referring to Figs. 1 to 4 and 5, a fragmentary portion of a bottle is indicated having the body portion 20 with the neck 21 and head 22.

25 The spout attachment is made from a blank (see Fig. 4) comprising the body portion 30, having the converging end portions 32. The curved head or peak of the blank is shown at 33. The upper ends of the converging portions are shown at 34. The lower end of the body portion 30 has integral therewith the clamping collar 35 having the bottom end 36. The collar 35 has formed therewith a plurality of pleats 38, which extend downwardly from the horizontal central portion thereof to its bottom end 36. The upper end of the body portion 30 has integral therewith the outwardly extending bead 39. The portions 32 have each formed therein an opening as shown at 40. The body portion 30 with its appurte-

nances are curved to cylindrical shape with the end portions 32 overlapping each other. The openings 40 are connected by an eyelet 41 having an opening 42, which latter functions as a vent for the spout attachment. When the blank is curved to its cylindrical shape the portions 34 form a tapered upper portion for the spout.

A cover 50 of Cellophane, tissue paper or of other suitable material, covers the spout attachment until the latter is used.

30 The spout attachment is placed in position on the outer end of the neck 21 of the bottle, by forcing the clamping collar 35 over the bead 22. The pleats 38 permit the clamping collar 35 to be forced over the bead 22 without injury thereto, and after the collar is in place the said pleats tend to securely hold the spout attachment in place.

35 When the contents of the bottle are to be drunk, the cover 50 of Cellophane is removed from the spout attachment, the peak end 33 of the latter is inserted in the mouth of the user and is tilted. In this position the contents of the bottle will flow into the mouth of the user with the assistance of the opening 42 which functions as a vent.

Referring to Figs. 6, 7 and 8, the body portion of the spout attachment is indicated at 60, having the curved lower end 61 with the inwardly extending bead 62. Overlapping end portions are shown at 63. The upper end of the body portion 60 is shown with the peak 64 from which extends the tapered upper end 65. From the end 65 extends the outwardly extending bead 66. In the portions 63 are again formed openings 40 for the eyelet 41 having the opening 42 as already described.

When the overlapping end portions 63 are connected by the eyelet 41, the body portion 60 assumes a conical shape as indicated in Fig. 6.

40 A cover 70 of Cellophane is shown covering the upper portion of the spout attachment, and which is removed when the contents of the bottle is emptied.

45 The spout attachment indicated in Figs. 6, 7 and 8 is used in a manner similar for that described for Figs. 1 to 4 and 5.

In Fig. 4a, which shows an outside view of a fragmentary portion of the blank for making the spout attachment, the body portion is again indicated at 30 with the semi-cylindrical clamping collar 35 having the bottom end 36. In this modification a plurality of pleats 38a extend from the top of the clamping collar 35 to its bottom end 36 to be enabled to tightly clamp it for its complete depth to the bead 22 of the neck 21.

In Fig. 9 which shows a fragmentary portion of Fig. 7 with a modification, the body portion of the blank for forming the conical shaped body portion for the spout attachment is again indicated at 60. Instead of the bead 62 there is formed integral with the lower portion of the body portion the semi-cylindrical clamping collar 65 similar to 35 with the pleats 68 similar to 38a.

It will be noted that the pleats described for the clamping collars 35 and 65 can be omitted, and the said clamping collars are forced on the beads without any pleats.

Various modifications may be made in the in-

vention, and the present exemplification is to be taken as illustrative and not limitative thereof.

Having described my invention, I claim:

A spout attachment for the neck of a bottle or other container made from a blank comprising a body portion having end portions integral therewith, said body portion and end portions shaped to cylindrical form with said end portions overlapping each other and an eyelet having an opening extending through the end portions where overlapped, said eyelet functioning as a vent for the spout.

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