

PPP-P-704E  
AMENDMENT-2  
February 20, 1987  
SUPERSEDING  
AMENDMENT-1  
December 28, 1983

FEDERAL SPECIFICATION

PAIS, METAL: (SHIPPING, STEEL, 1 THROUGH 12 GALLONS)

This amendment, which forms part of Federal Specification PPP-P-704E, dated October 30, 1981, is approved by the Assistant Administrator, Office of Federal Supply and Services, General Services Administration for the use of all Federal agencies.

PAGE 2

Type I, last line: Delete and substitute "\*\* See Rule 40-UFC or Item 260-NMFC for dry or solid articles at 100°F".

Type II, class 1, after "DOT-37A": Add "60".

Class 3, after "DOT-37A": Add "80".

Last line: Delete and substitute "\*\* See Rule 40-UFC or Item 260-NMFC for dry or solid particles at 100°F".

Type III, class 1, after "DOT-37A": Add "60".

Class 3, after "DOT-37A": Add "80".

Class 6: Delete "1 through 5" and substitute "6 through 10".

Last line: Delete and substitute "\*\* See Rule 40-UFC or Item 260-NMFC for dry or solid particles at 100°F".

PAGE 3

2.1, under Federal Standards: Delete "FED-STD-123" in its entirety.

PAGE 4

2.1, under Military Standards: Delete "MIL-STD-1188" in entirety.

2.2, under "American Society for Testing and Materials (ASTM)": Add "D 3951 - Standard Practice for Commercial Packaging".

AMSC N/A

FSC 8110

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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PAGE 6

3.1.2.2, after First sentence: Add "The wax shall be resistant to chlorine and oxidizing compounds containing chlorine (see 6.1.1)."

3.1.3, 3rd sentence: Delete and substitute "Unless otherwise specified (see 6.2), the color of the coating shall be in accordance with olive drab No. 24087 or olive green No. 24064 of FED-STD-595."

3.1.4.1: Delete and substitute:

"3.1.4.1 Press-in captive snap on cap closure (see figure 9). The press-in captive snap on cap closure shall be molded of commercial quality polyethylene or comparable functioning plastic. The closure shall be designed to be pressed into the opening in the pail top. The closure shall have the upper end closed off by an integrally molded tear-out diaphragm. A ring pull shall be integrally connected to the diaphragm for hand removal and stored in depressed position with the overlying snap cap. The closure shall have a pouring opening of not less than 1-1/2 inches in diameter. The spout, in extended pouring position, shall tightly engage within the nozzle opening and shall extend not less than 2-3/4 inches above the pail surface where the closure is seated. The closure shall include, when specified (see 6.2), a pull up pouring spout either self venting or non-venting."

After 3.1.4.1 add:

"3.1.4.1.1 Press-in pull-up closure with screw cap with integral tamper evident seal (see figure 9A). The press-in pull-up closure with screw cap with, integral tamper evident seal shall be molded of commercial quality polyethylene or comparable functioning plastic. The closure shall be designed to be pressed into the opening in the pail top. The closure shall have the flanges of its neck and its cap fused together in such a way as to form a leak-proof and tamper evident seal. A pull-tab shall be provided on the cap flange for removal of the tamper evident seal. The closure shall have a pouring opening of not less than 1-1/2 inches in diameter. The closure shall include a pull-up pouring spout, either self-venting or non-venting (see 6.2), and molded of commercial quality polyethylene or comparable functioning plastic. The spout shall be able to be raised to fully extended pouring position after removal of the tamper evident seal by means of the screw-cap which is screwed into the pull-up spout. The spout, in extended pouring position, shall tightly engage within the nozzle opening."

PAGE 8

3.1.4.5, line 2: Delete "18" and substitute "20".  
line 20: Delete "flexible" and substitute "collapsible".  
line 20 after "figure 10": add "and 20".  
line 21: Delete ", and 18".

3.1.4.8, line 4: Delete "and 14" and substitute "14, and 20".

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3.1.4.8.1, line 2, after "comparable": Add "functioning".

3.1.4.9.1, line 2, after "9,": Add "9A,".

3.1.4.9.3: Delete and substitute:

"3.1.4.9.3 Collapsible spout closure. Collapsible spout closure shall be molded of commercial quality polyethylene or a comparable functioning plastic. A tear out diaphragm of the same material shall be molded as an integral part of the pouring spout. The portion of the closure attached to the container shall be molded so as to fit on the outside diameter of the sealing portion of the preformed opening in the container head prior to being clinched. The preformed opening shall provide an opening in the container of approximately 2-3/8 inches to receive the collapsible spout closure. The pour spout shall be collapsed inward and shall be pliable so that it may be extended upward from collapsed position to pouring position. The pouring end of the spout shall have male threads and shall be fitted with a plastic screw cap made of polyethylene or comparable functioning material for reclosing. The plastic screw cap shall have one or two bails or other suitable finger grips for lifting the spout into a pouring position. The bails or finger grips shall be molded as an integral part of the cap (see figures 10 and 20)".

PAGE 10

3.1.4.9.4, last line: Delete "(see figure 10)" and substitute "(see figures 10 and 20)".

3.1.4.9.5, line 3, after "comparable": Add "functioning".

3.1.4.9.6: Delete in entirety.

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4.3.3, line 4: Delete "IX" and substitute "X".

PAGE 24

5.1.1, line 3: Delete "MIL-STD-1188" and substitute "ASTM D 3951".

5.2, line 2: Delete "MIL-STD-1188" and substitute "ASTM D 3951".

PAGE 25

6.2(g) 1.: Delete and substitute:

"1. Whether the closure will require a pull-up pouring spout with self-venting or non-venting (see 3.1.4.1 and 3.1.4.1.1)."

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PAGE 20

20.1, under Military Standards: Delete "MIL-STD-1188" in entirety.

After 20.1: add

20.2 Other publications. The following documents form a part of this appendix to the extent specified herein. Unless otherwise specified, the issues of the documents which are DOD adopted shall be those listed in the issue of the DODISS specified in the solicitation. Unless otherwise specified, the issues of documents not listed in the DODISS shall be the issues of the nongovernment documents which are current on the date of the solicitation.

American Society for Testing and Materials (ASTM)

ASTM D 3951 - Standard Practice for Commercial Packaging

PAGE 30

40.1.3: Delete "MIL-STD-1188" and substitute "ASTM D 3951".

40.2.1, line 2: Delete "MIL-STD-1188" and substitute "ASTM D 3951".

40.2.2, line 2: Delete "MIL-STD-1188" and substitute "ASTM D 3951".

PAGE 40

Add new figure 9A (attached).

PAGE 41

Figure 10: Delete in entirety, add new figure 10 (attached).

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Figure 18: Delete in entirety.

PAGE 51

Add new figure 20 (attached).

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MILITARY INTERESTS

Custodians

Army - GL  
Navy - AS  
Air Force - 69

Review activities

Army - MD, RA  
Air Force - 99  
OLA - PS

User activities

Navy - SA, SH, OS, YD

CIVIL AGENCY COORDINATING ACTIVITIES

OCG                      Committee - NCS  
GSA - PSS              VA - OSS  
JUSTICE - ZPI

PREPARING ACTIVITY:

Army - GL

Project No. 8110-0274

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Am' 10/10/88-2

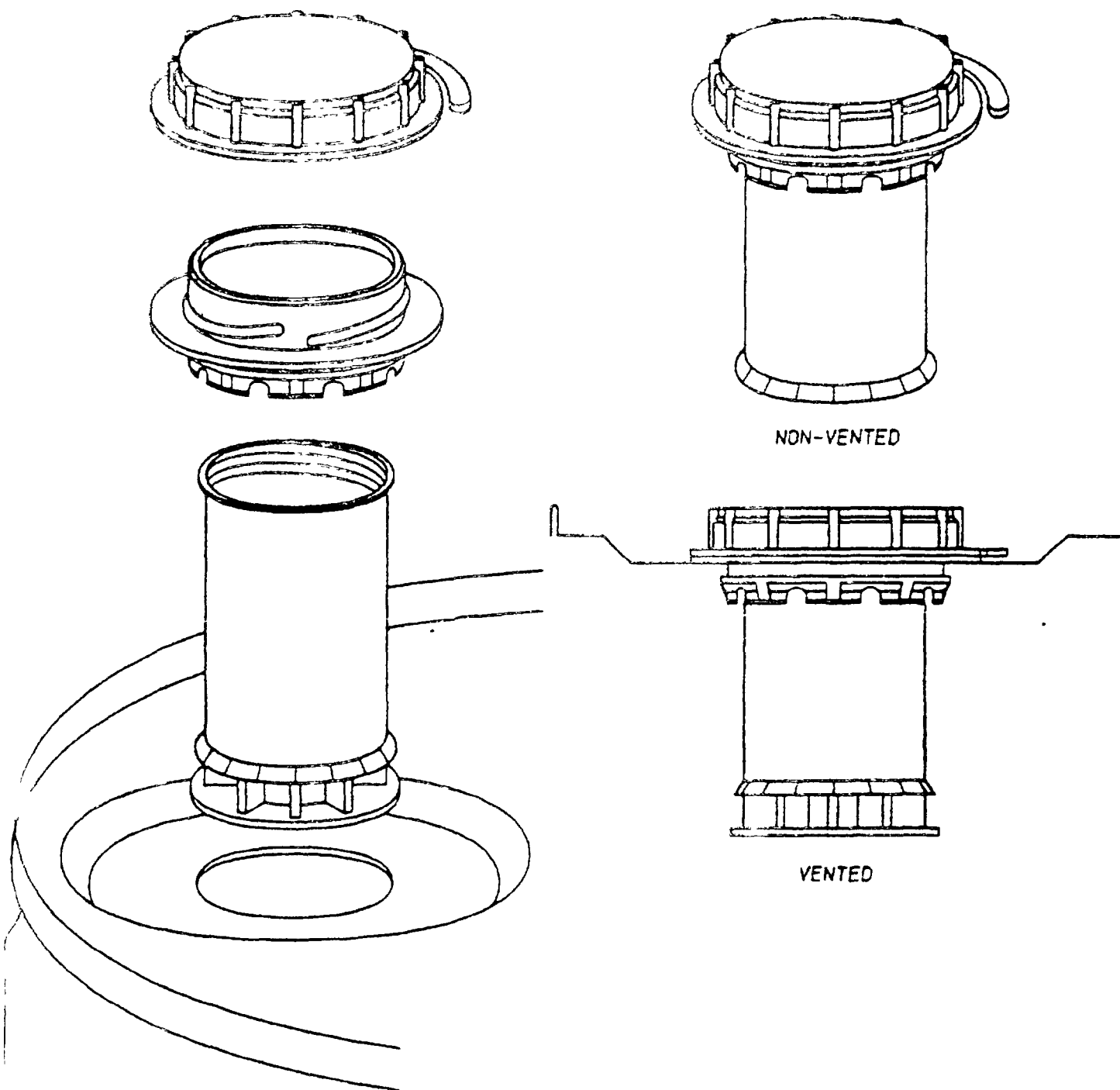
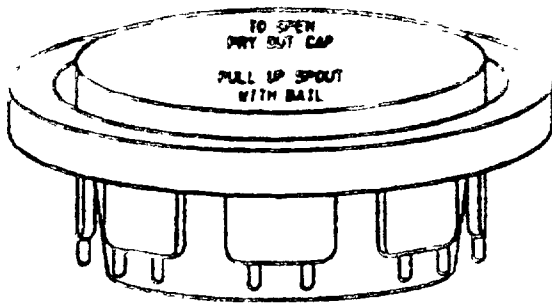


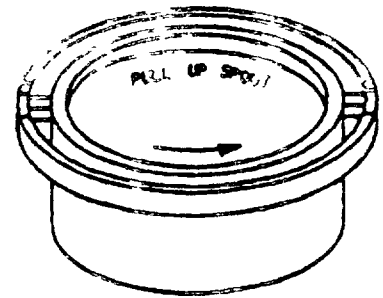
FIG 9 A PRESS-IN TYPE PLASTIC NOZZLE AND CAP CLOSURE  
WITH PLASTIC PUSH-FILL SPOUT

4-1-832

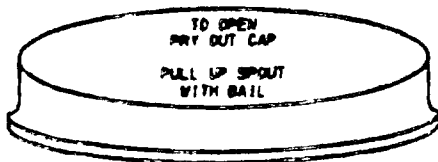
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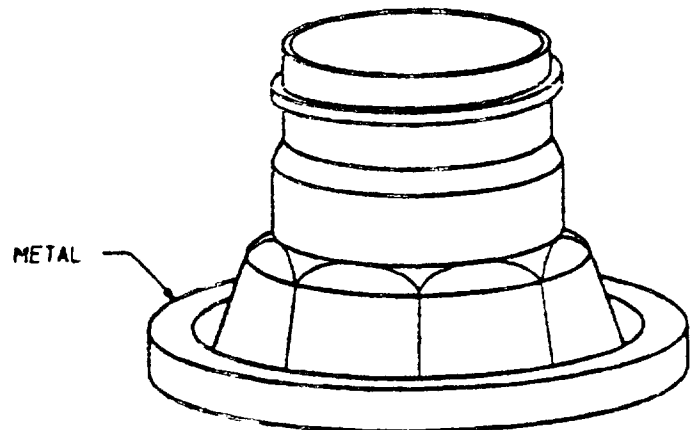
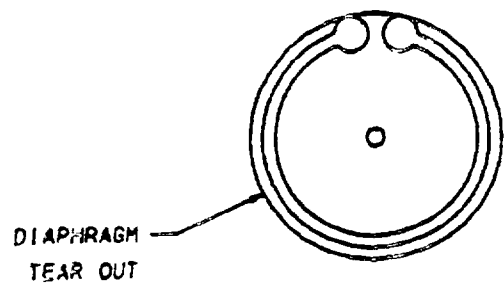
SELF VENTING ASSEMBLED FLEXIBLE  
 SPOUT CLOSURE



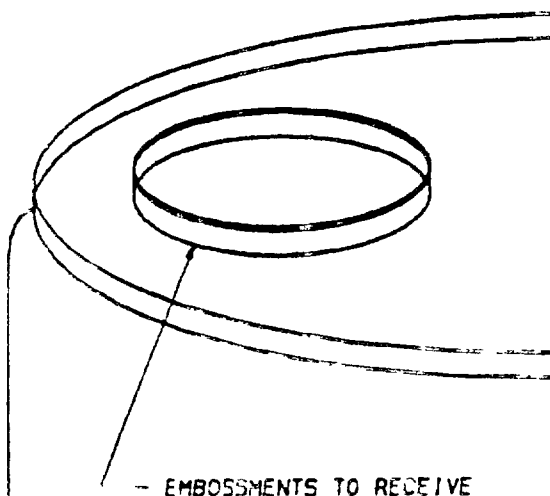
RESEALING CAP



METAL OR PLASTIC  
 TAMPER PROOF SEAL



FLEXIBLE SPOUT CLOSURE  
 EXTENDED AS IF FOR POURING



EMBOSSMENTS TO RECEIVE  
 FLEXIBLE SPOUT CLOSURES

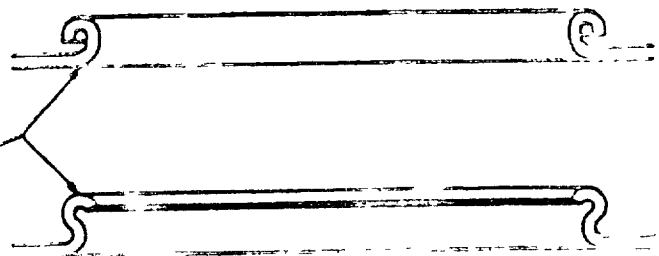


FIGURE 10 - COLLAPSIBLE SPOUT

3 1-22

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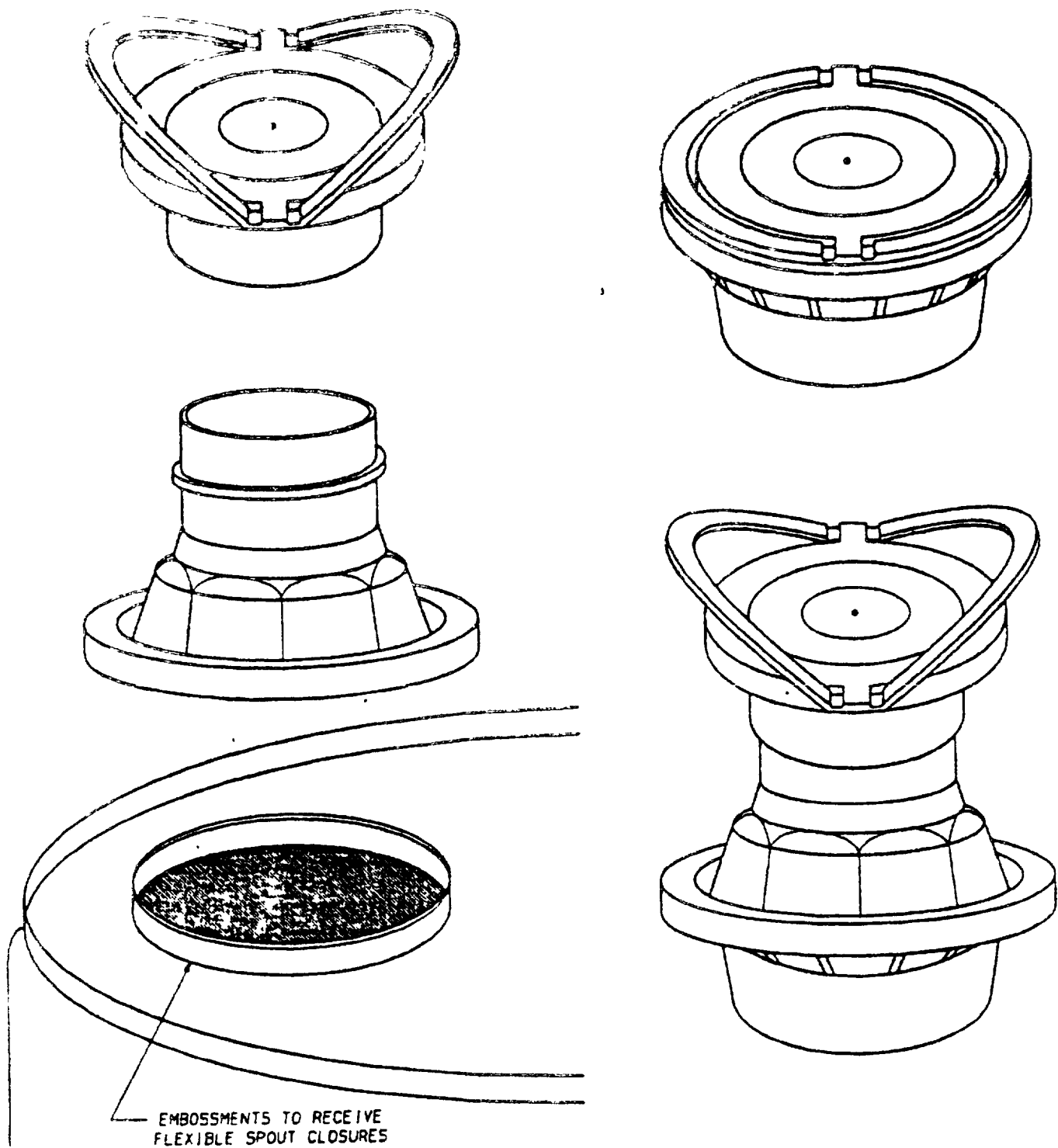


FIGURE 20 - COLLAPSIBLE SPOUTS

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