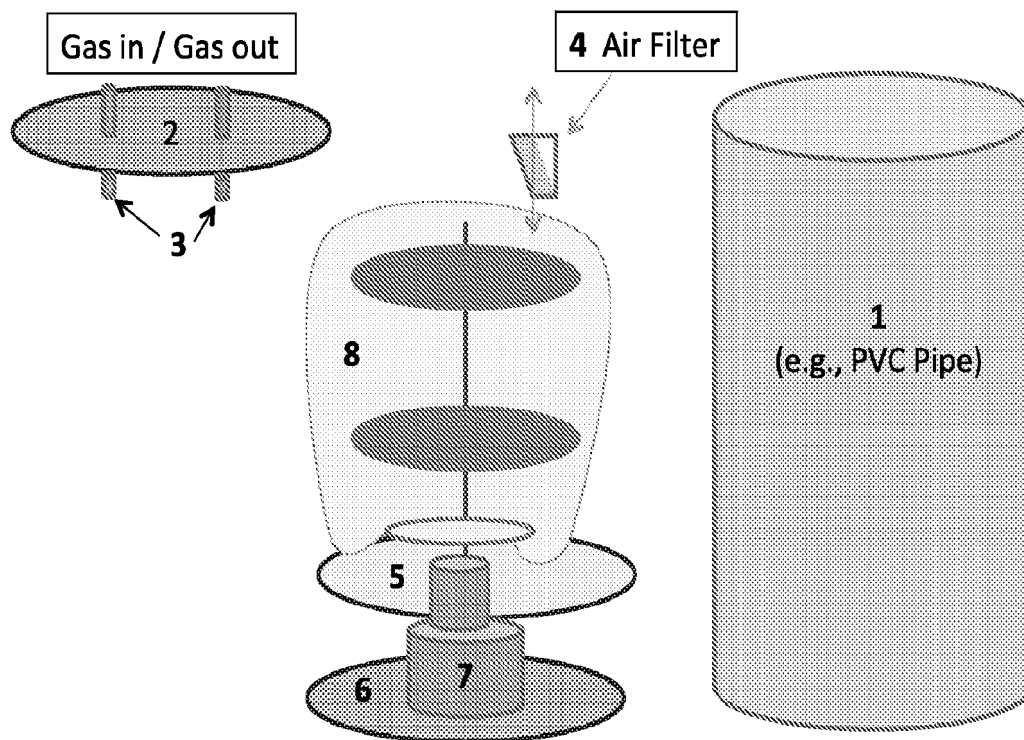
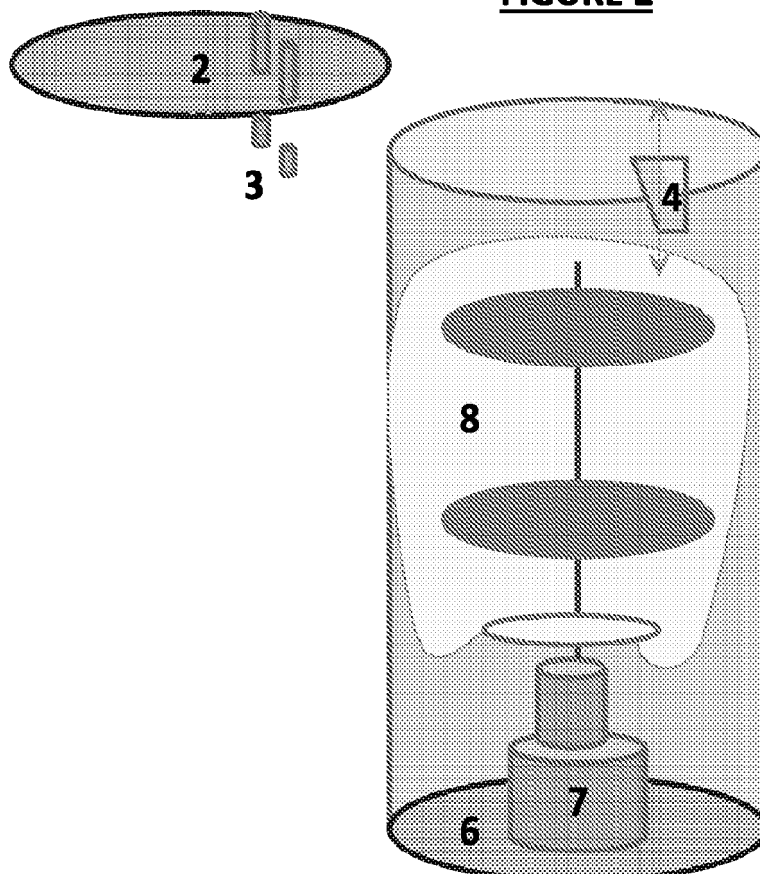


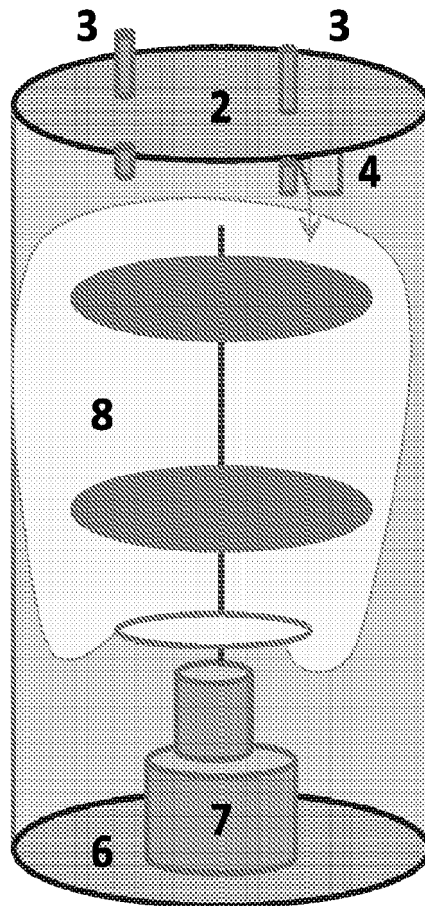
FIGURE 1**SUC Assembly Packaging & Integrity Test**

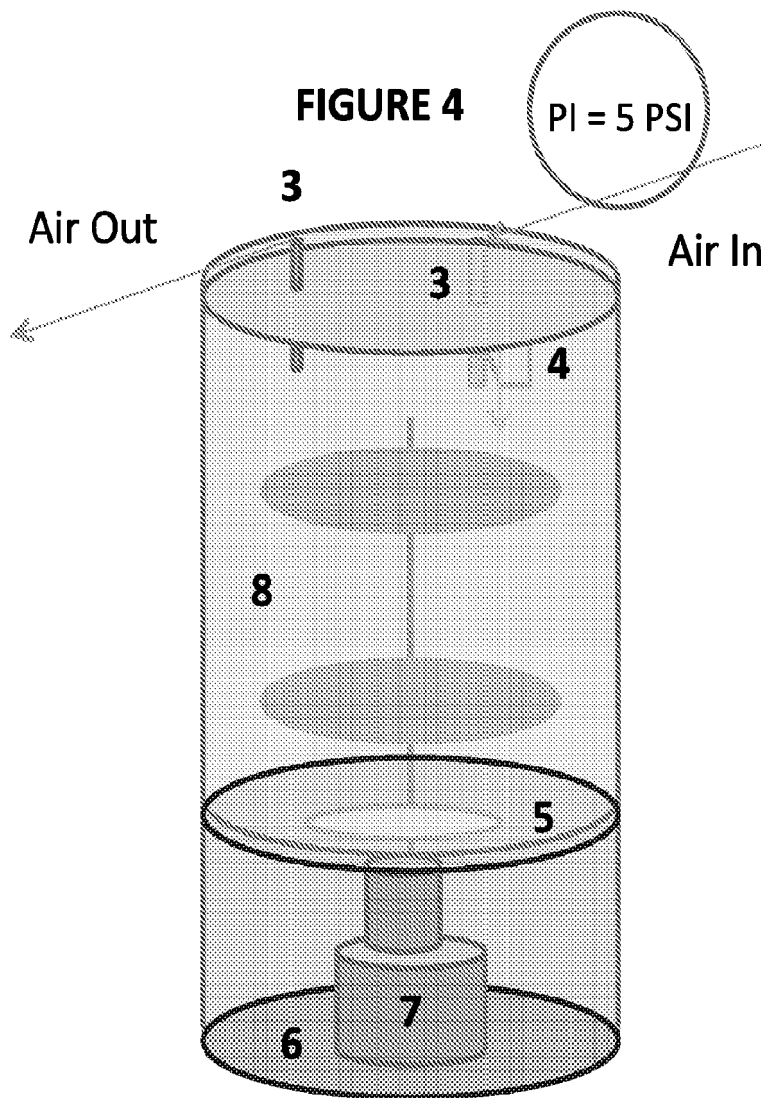
This assembly is intended to: (1) provide secure shipping of a disposable assembly (2) Allowing air to be added while maintaining sterility to integrity of the bag by providing structural support to allow overpressure with air.

FIGURE 2

Attach Pipe to lower Flange and prepare to attach tubing from filter to top flange.

Secure Filter in holder in top flange and cover to ensure that no sharp edges impinge as bag is inflated. This will need to be addressed with other port and connections to bag

FIGURE 3



Integrity Test of Bag

Add Air Through Filter via ¼ " pipe nipple, pressurize to 5 psi...hold pressure X time
note Pressure drop < X, then bag is integral. This is a significantly more sensitive
than current IT tests and can be done during installation. Additionally, air flow from
Air out can be measured by inverted cylinder in water

FIGURE 5

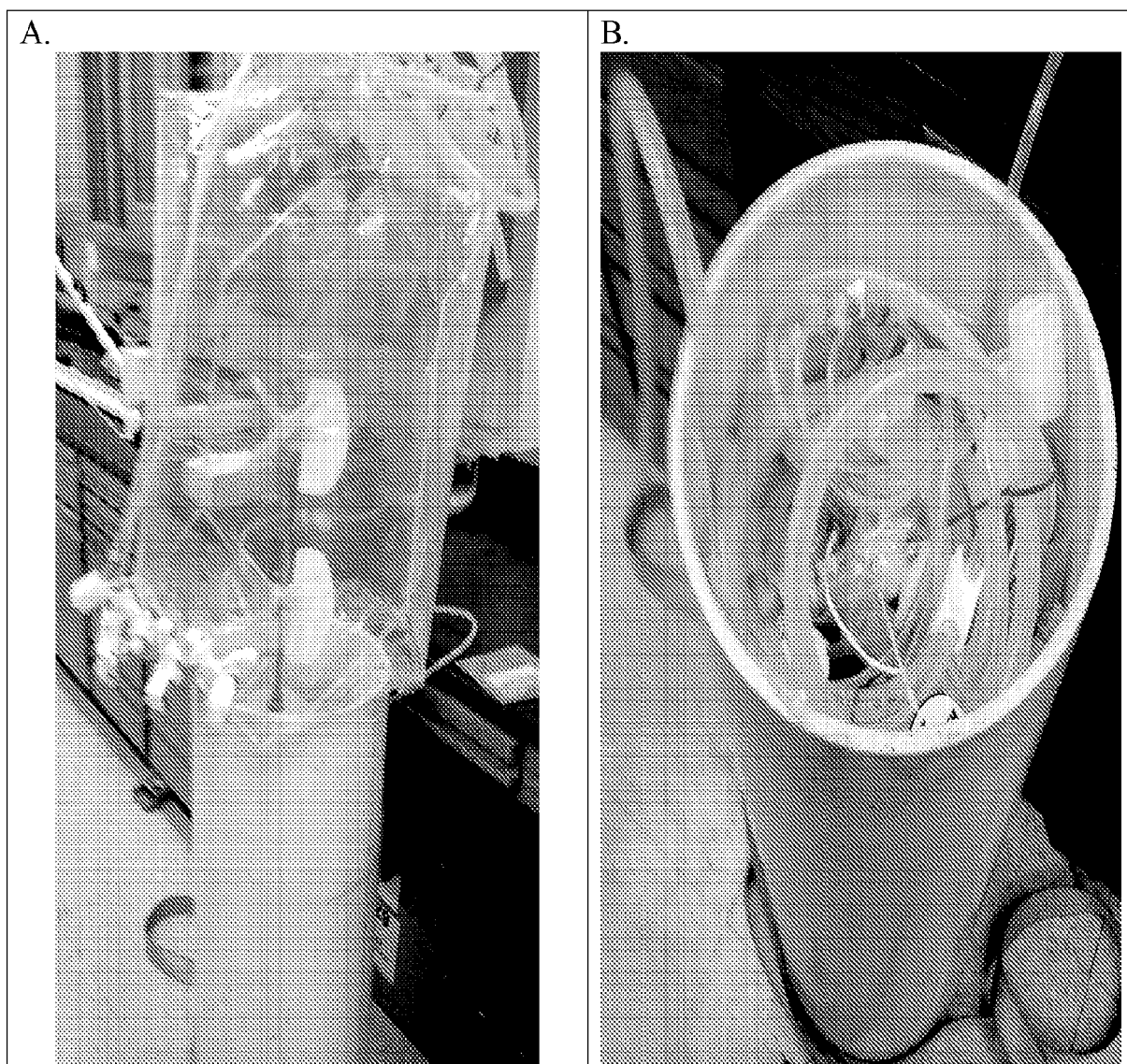


FIGURE 5 (Continued)

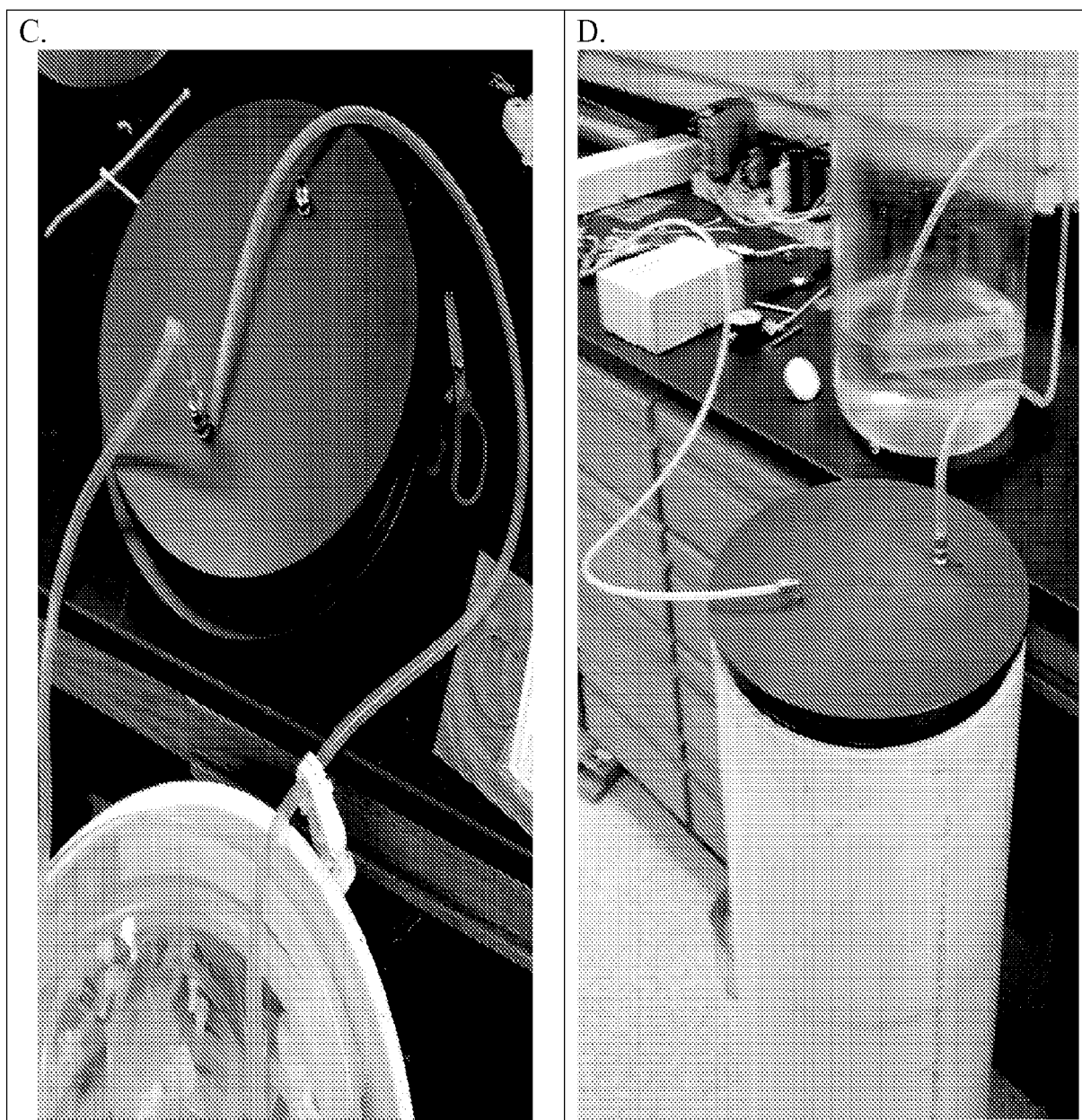


FIGURE 6

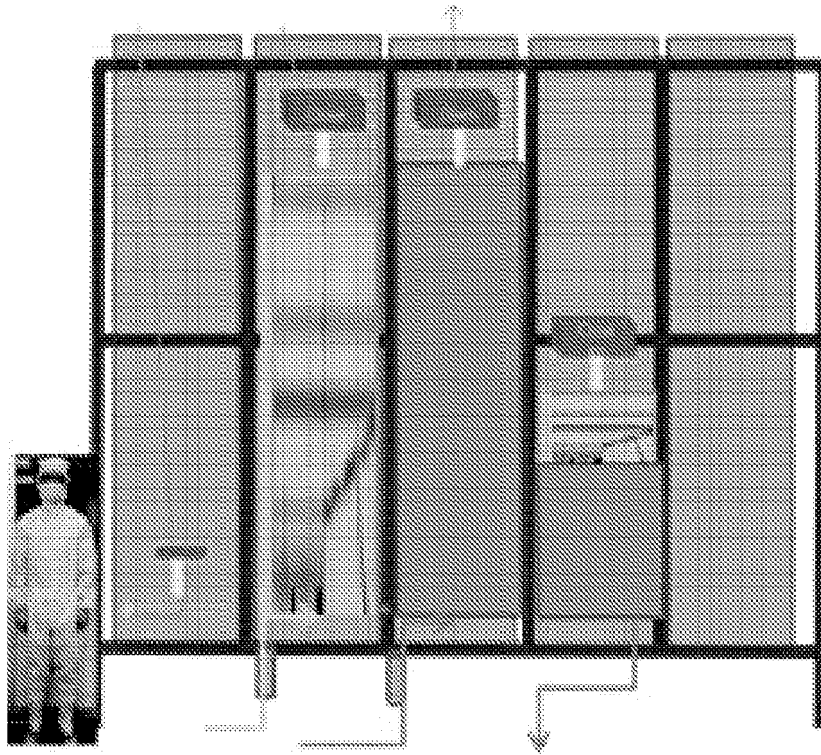
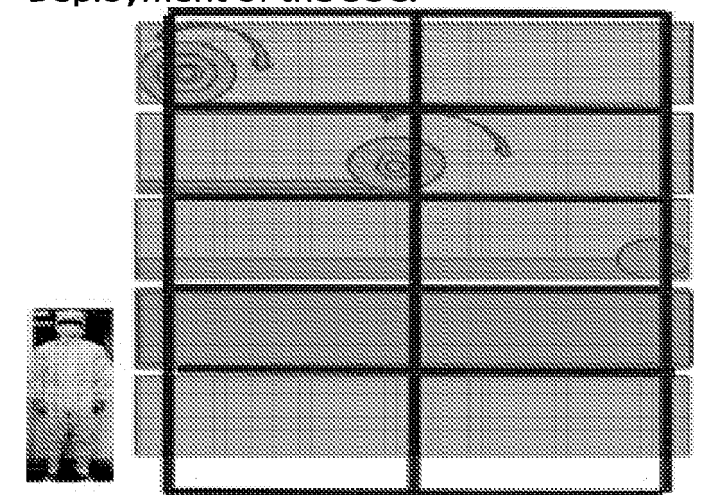


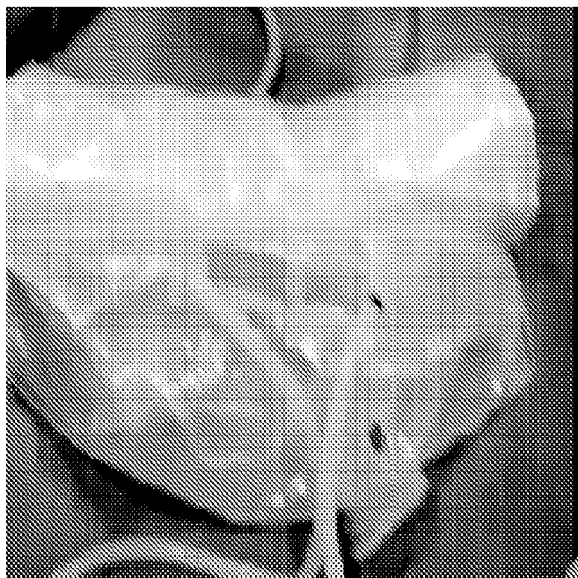
FIGURE 7

A.

Deployment of the SUC.



B.

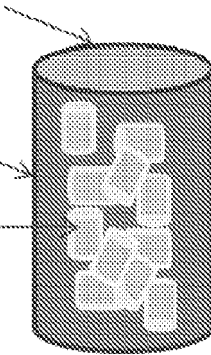


C.



FIGURE 8

- Mesh to retain plastic granules used to break foam
- Tubing to provide container for plastic granules
- plastic granules used to break foam



- Mesh to retain plastic granules used to break foam
- Tubing to provide container for plastic granules
- plastic granules used to break foam

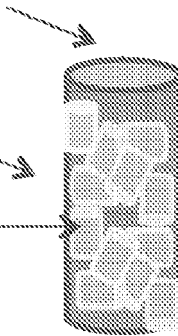


FIGURE 9

1. Shaft
2. Static seal face
3. Rotating Seal Face
4. Seal Spring
5. Bearing
6. Seal Housing
7. Seal Housing Cover
8. Retaining Screw

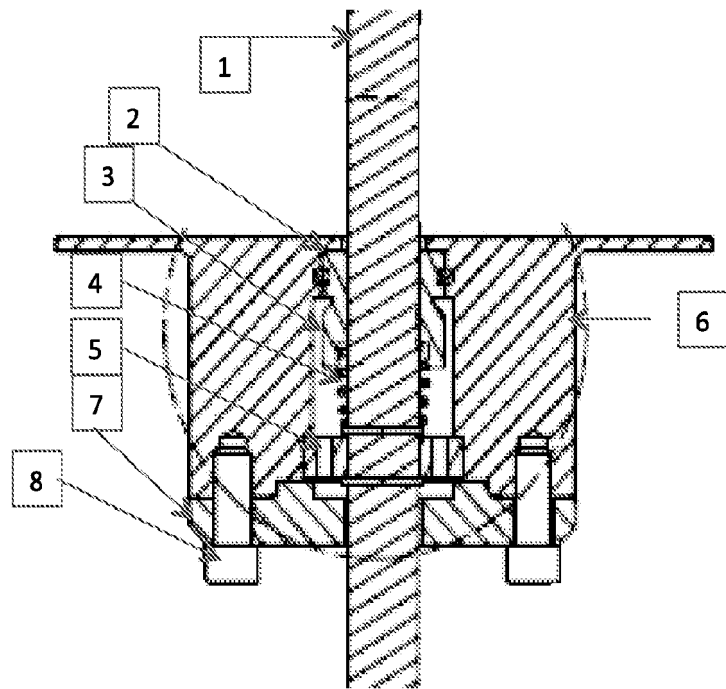


FIGURE 10

5 A.

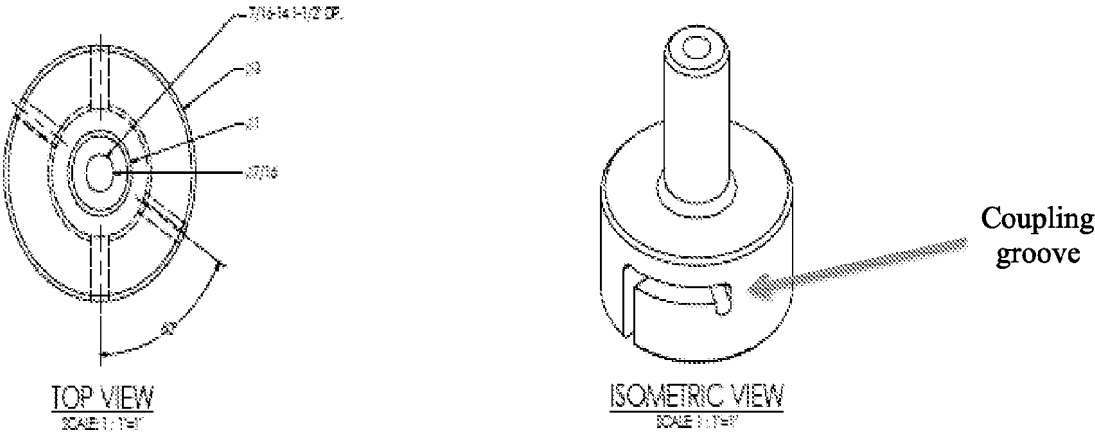
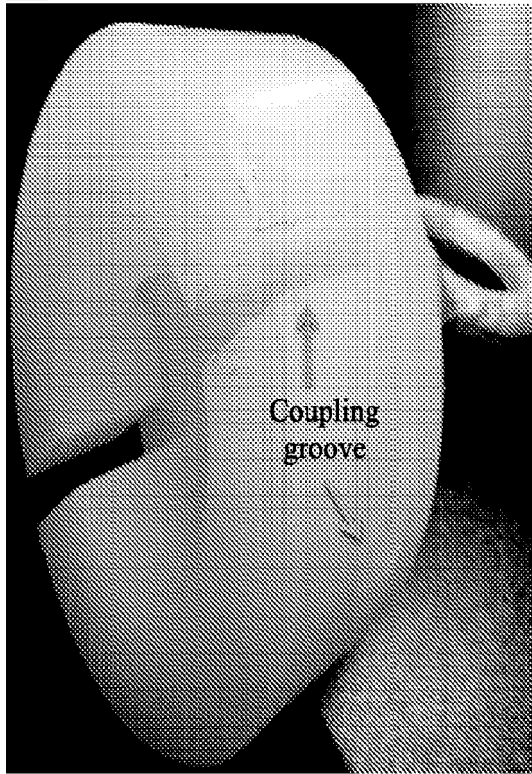


FIGURE 10 (continued)

B.



C.

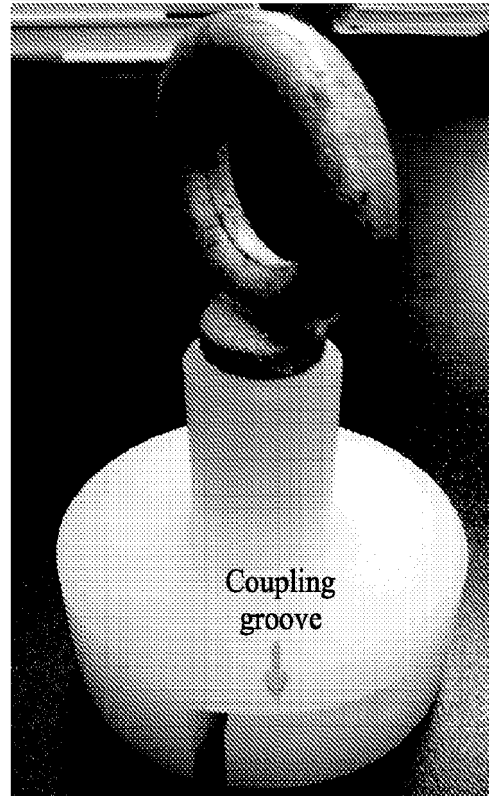
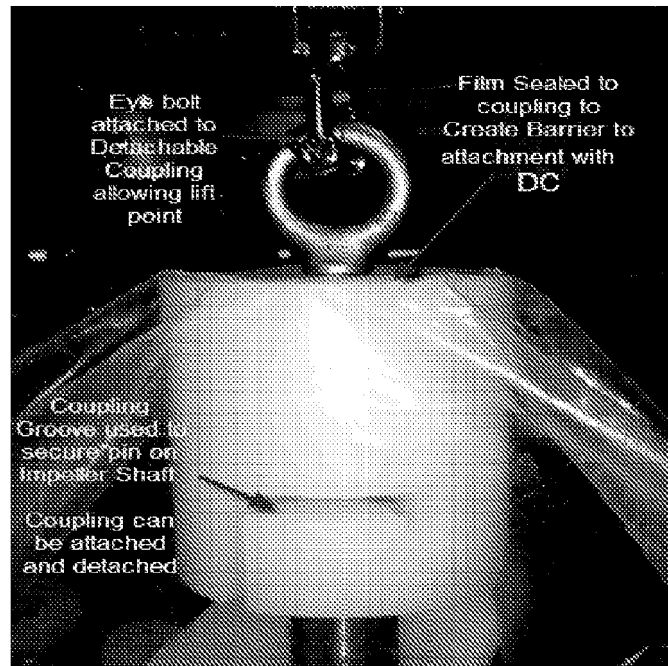


FIGURE 10 (continued)

D.



E.

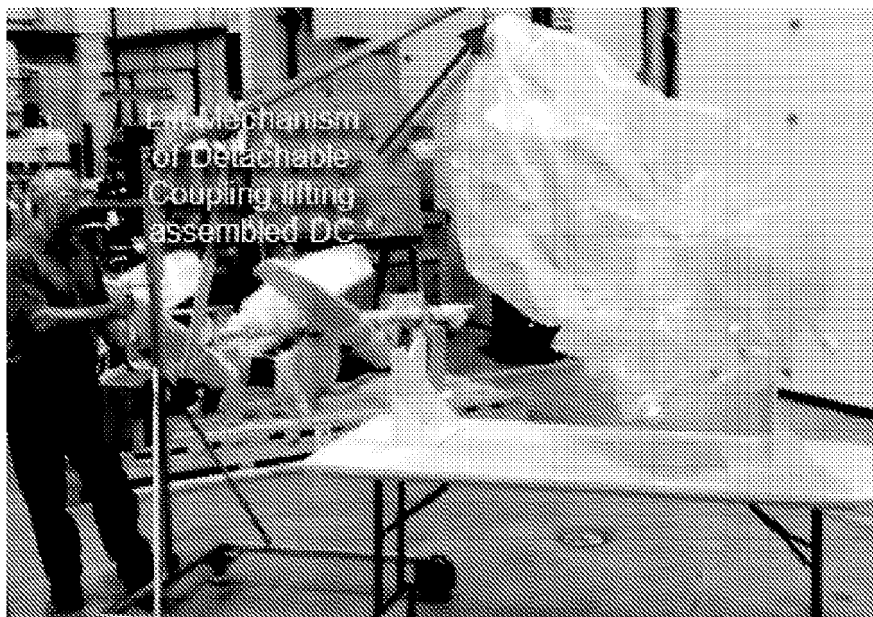


FIGURE 10F

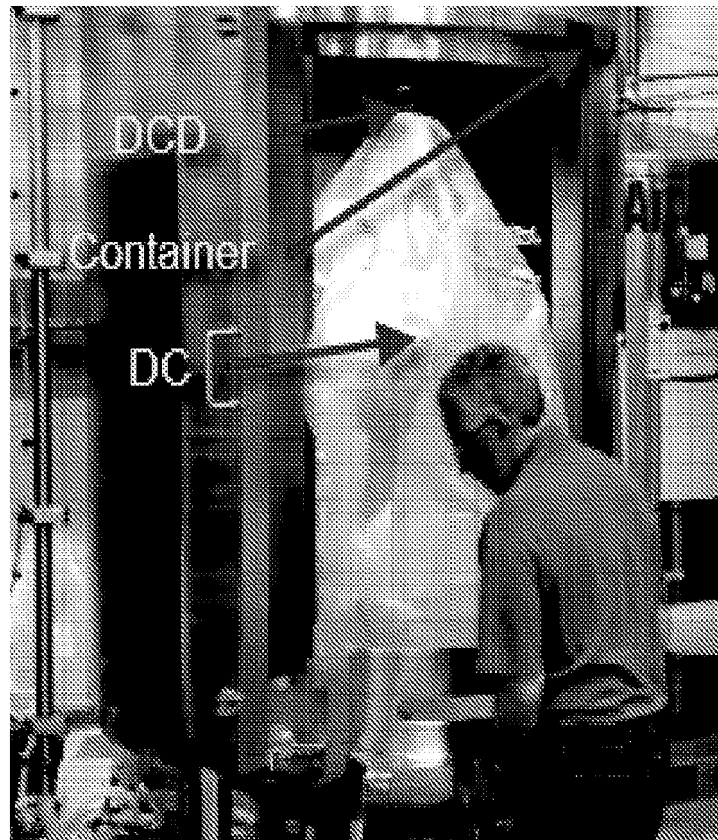


FIGURE 11

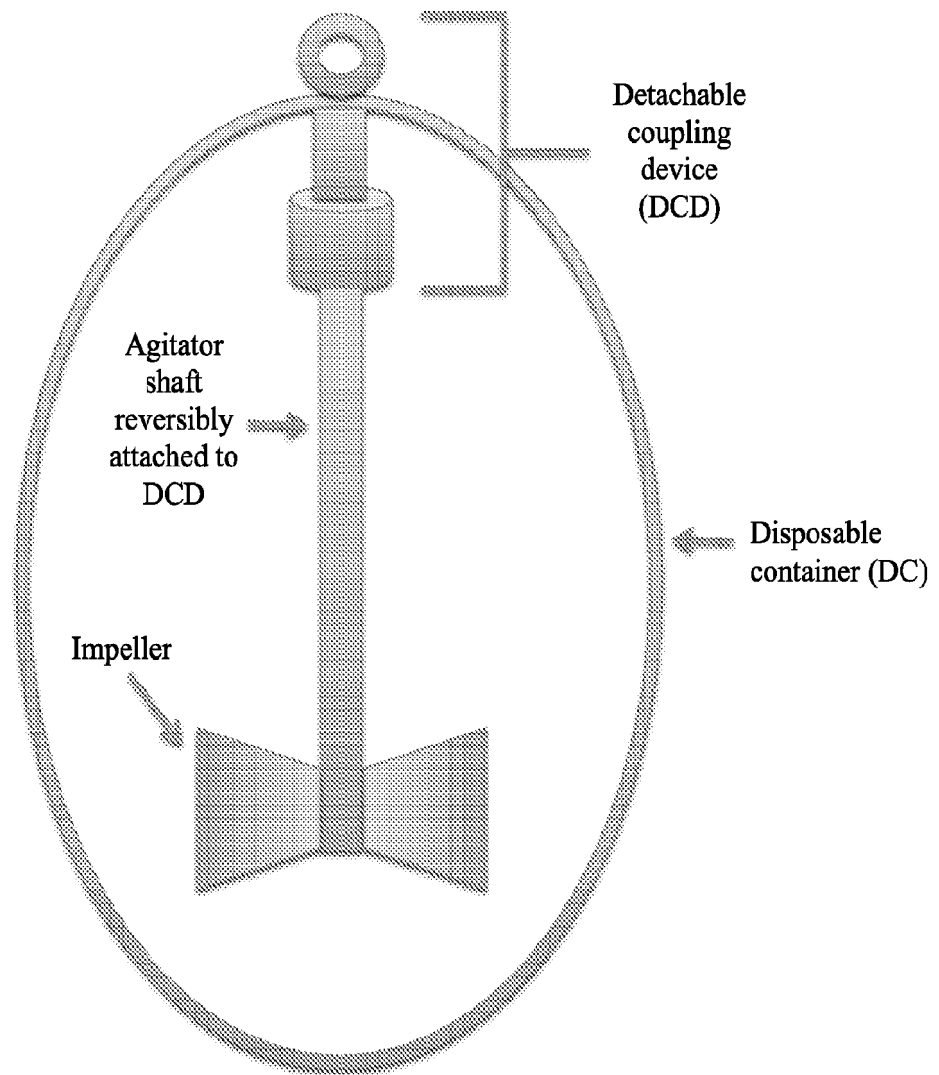


FIGURE 12

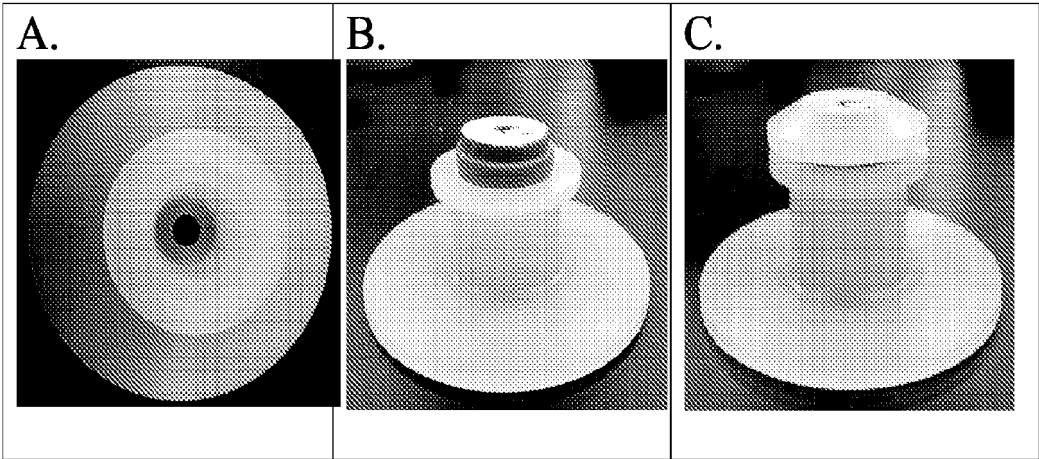


FIGURE 13

A. Baseline

B. Yo Yo

C. Gusset

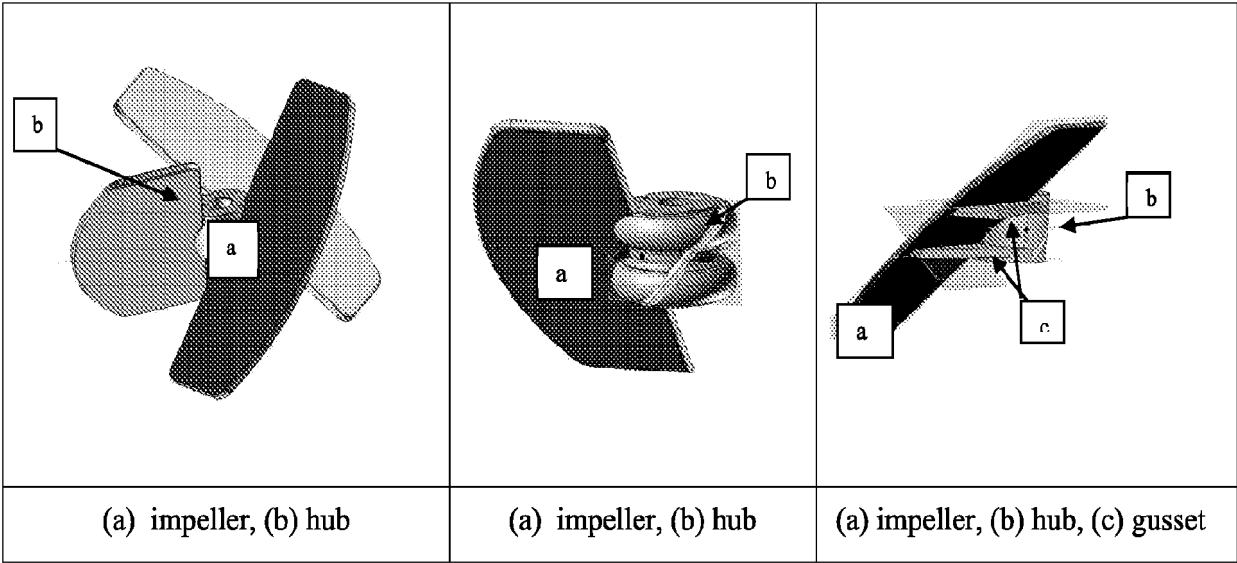
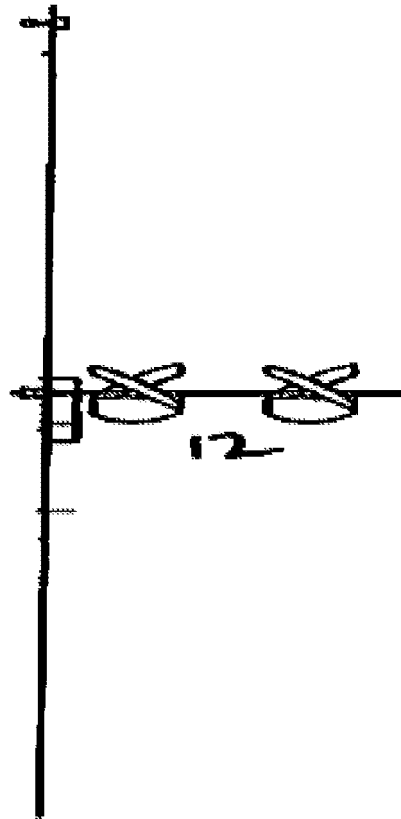


FIGURE 14

14A-1



SIDE VIEW VIEW
SECTION 14A-1

FIGURE 14

14A-2

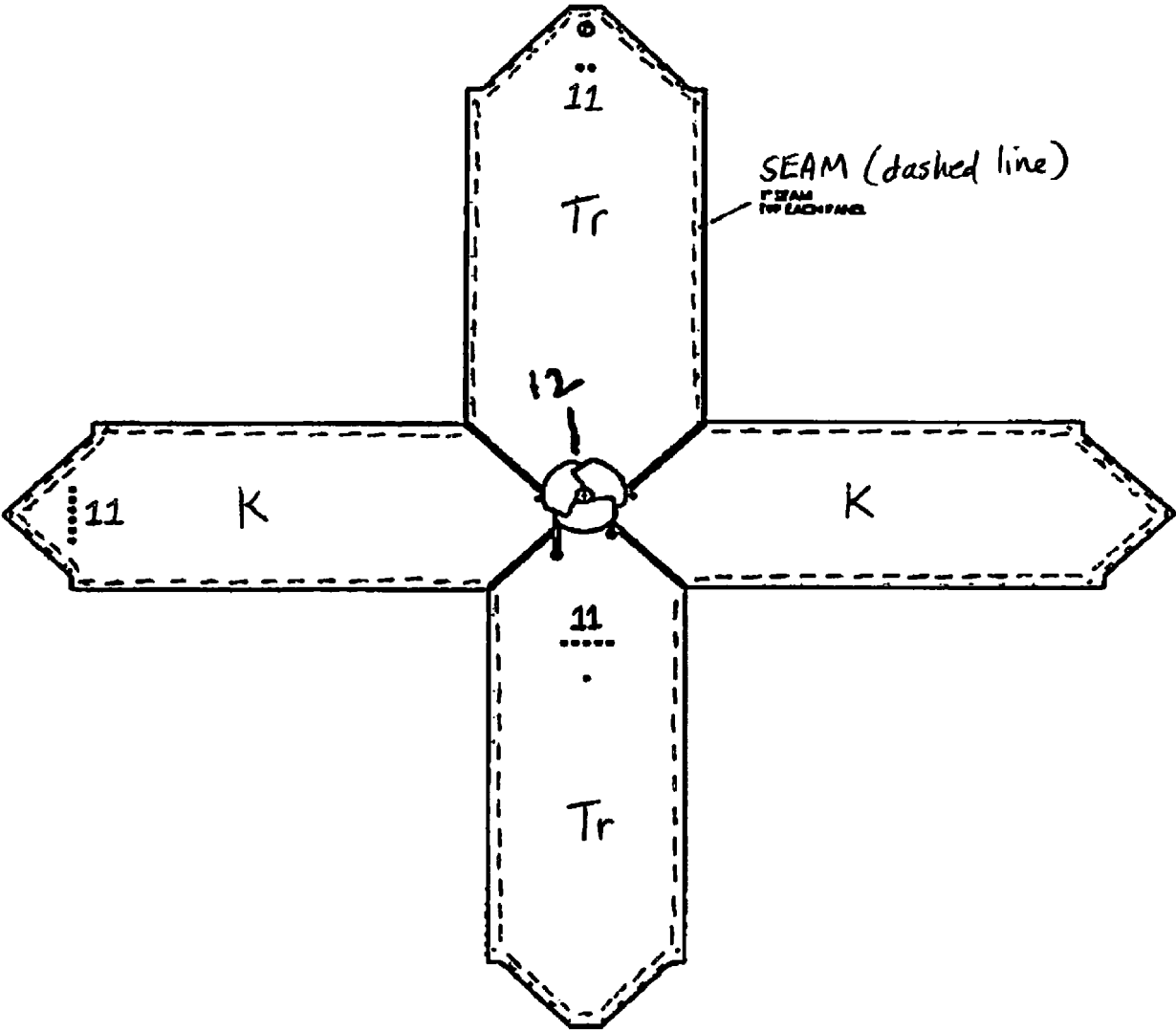
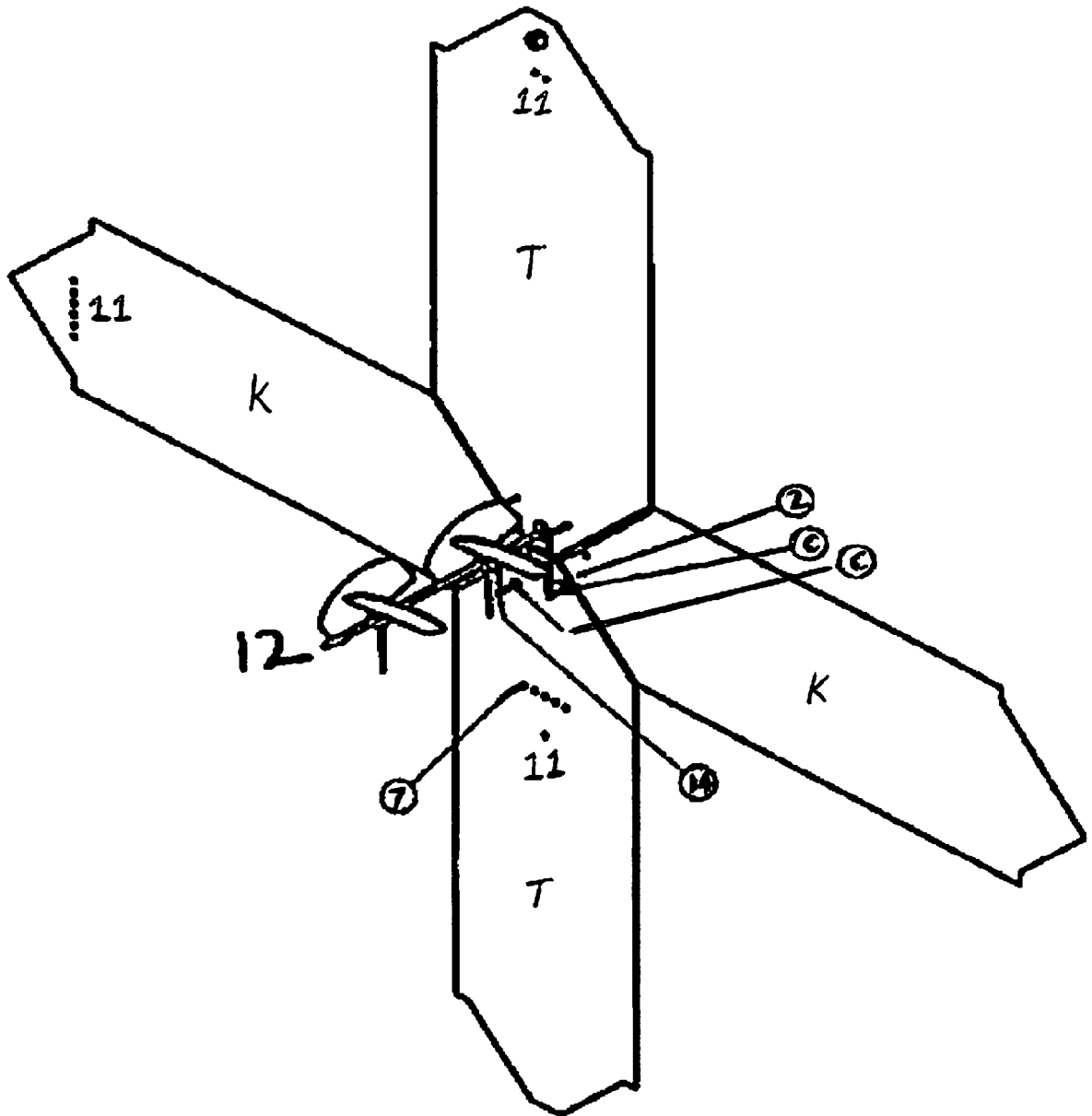


FIGURE 14

14A-3



Interior isometric view

FIGURE 14

14A-4

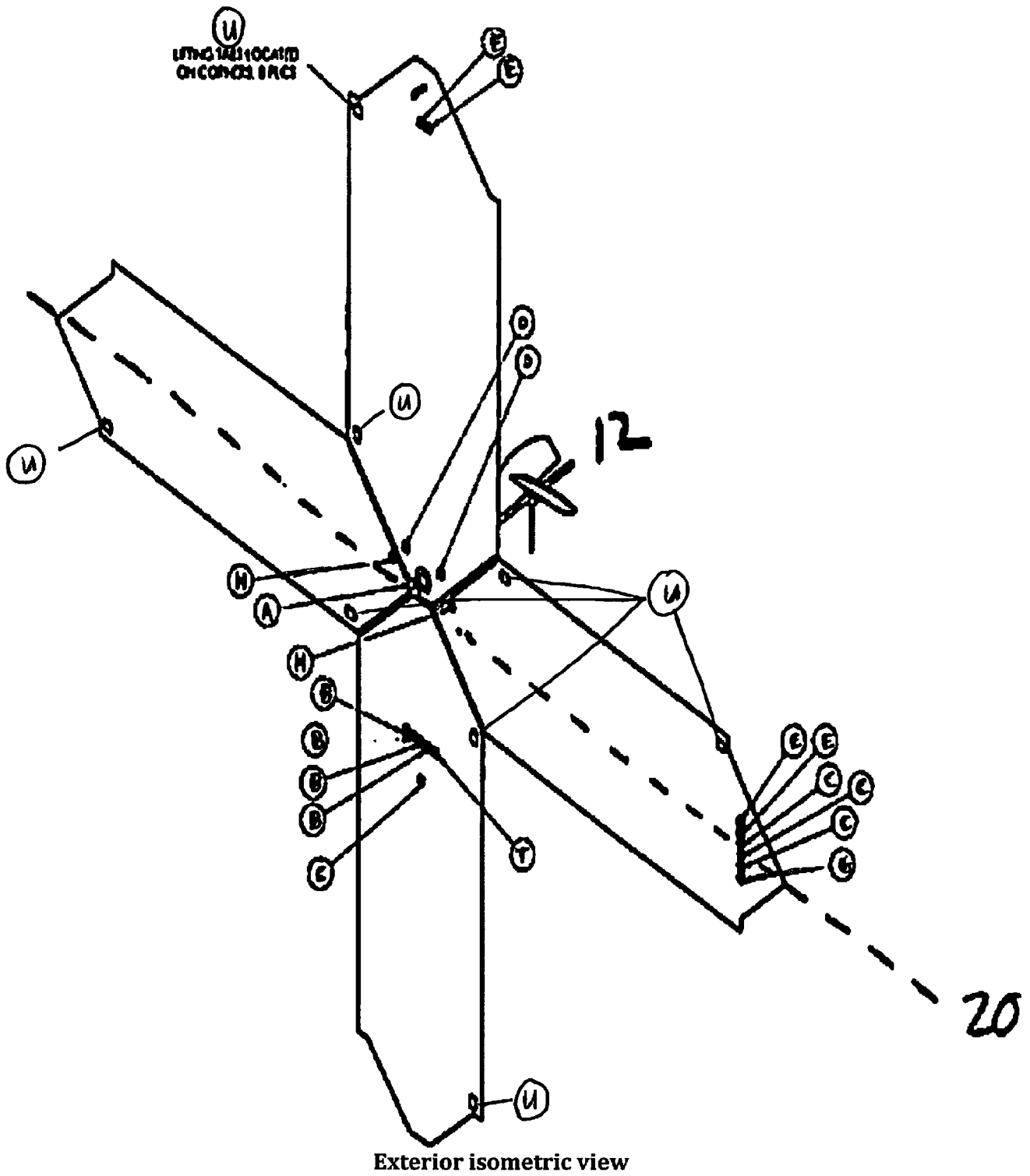
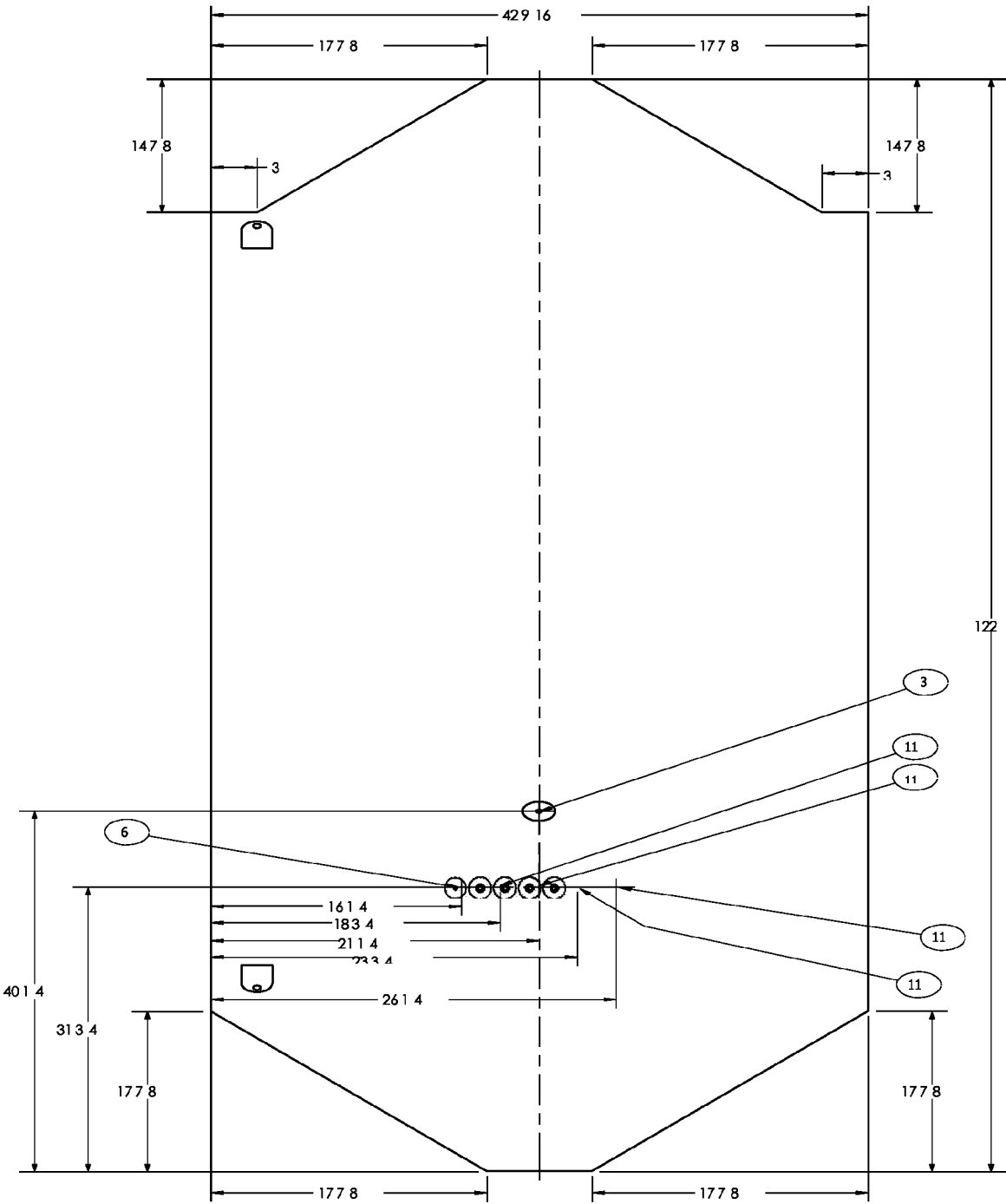


FIGURE 14

14B-1



Front Panel (Trapezoidal) Exterior View

FIGURE 14

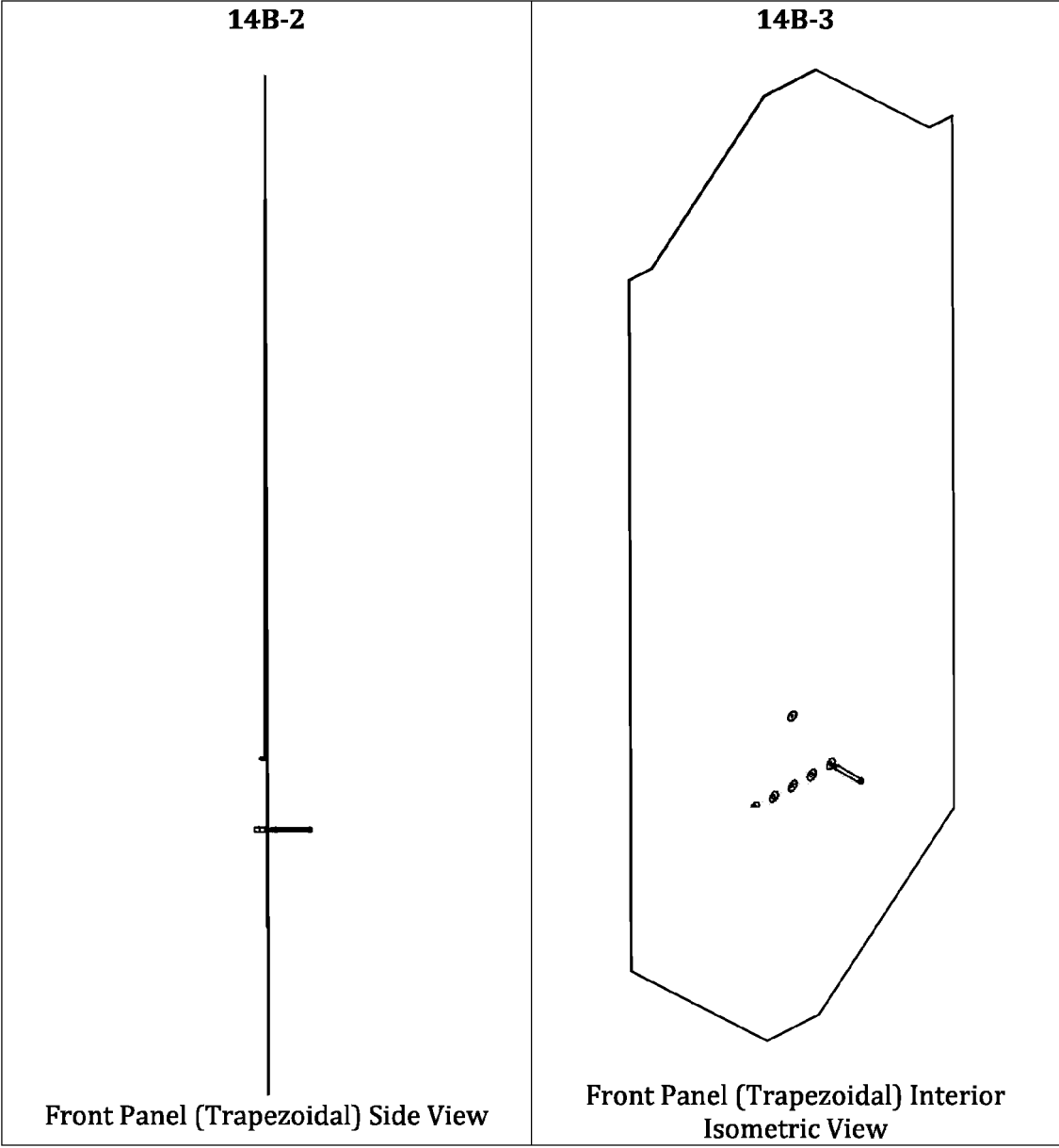
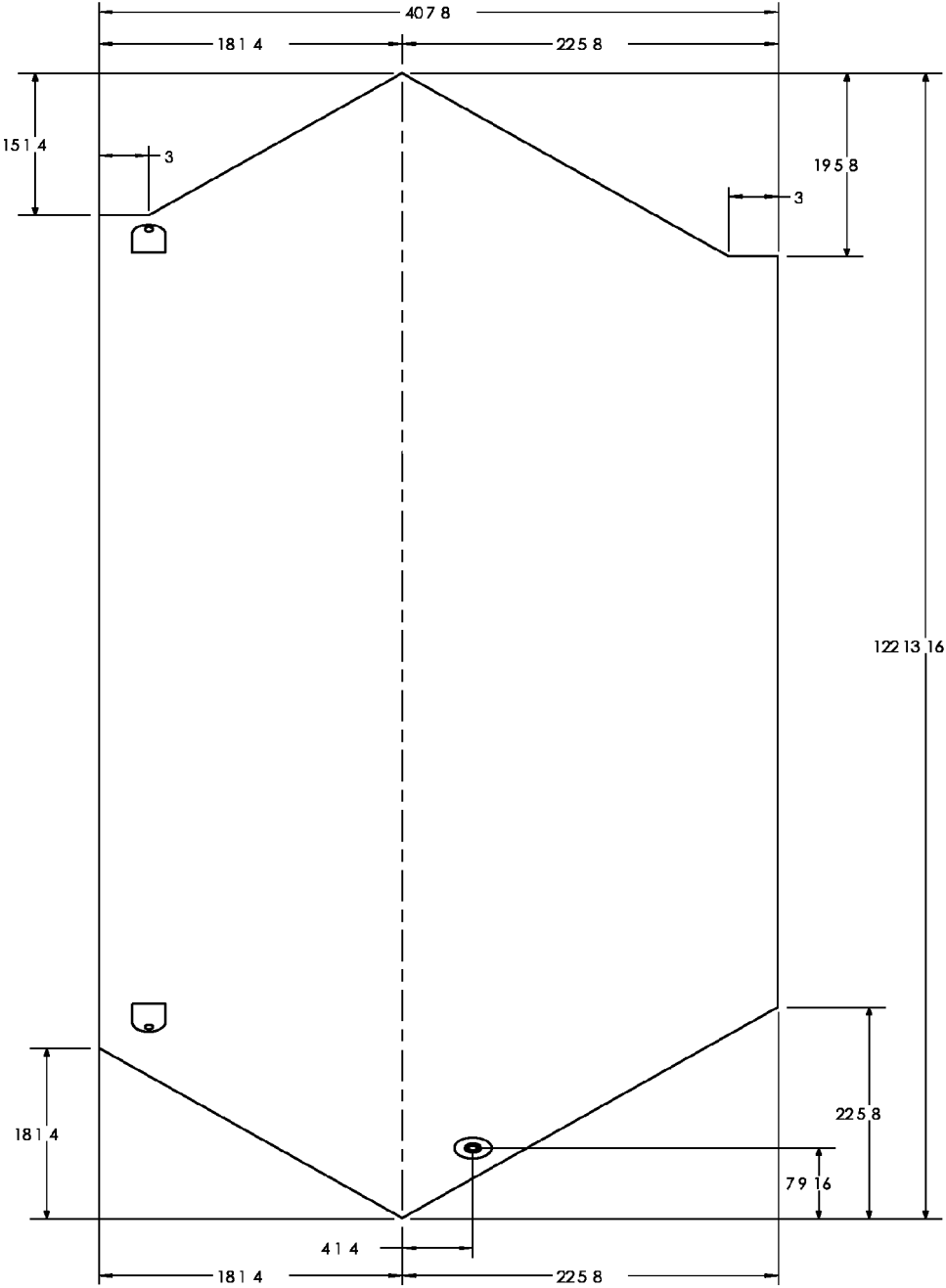


FIGURE 14

14-B4



Right (kite-shaped) panel, exterior view

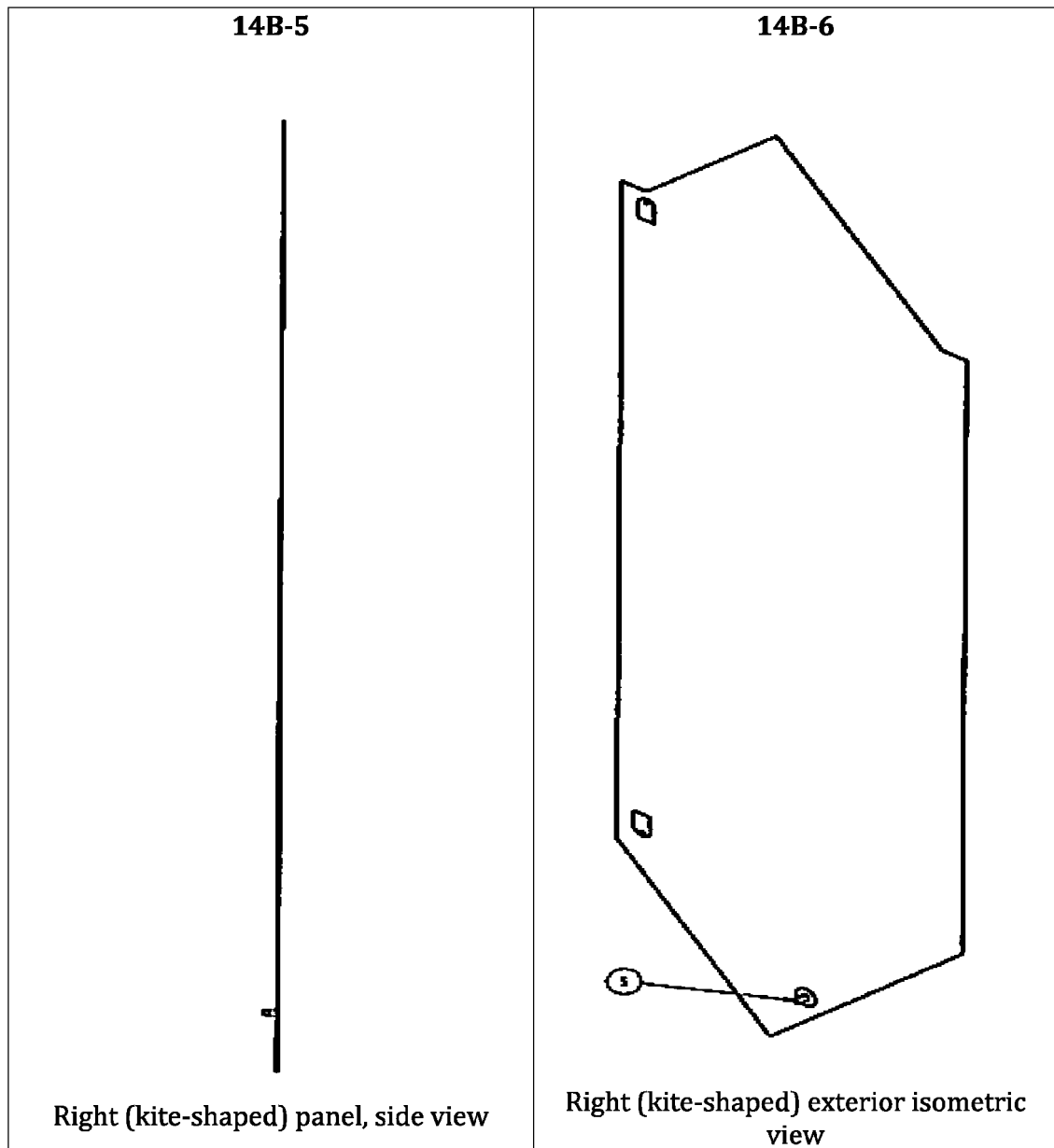
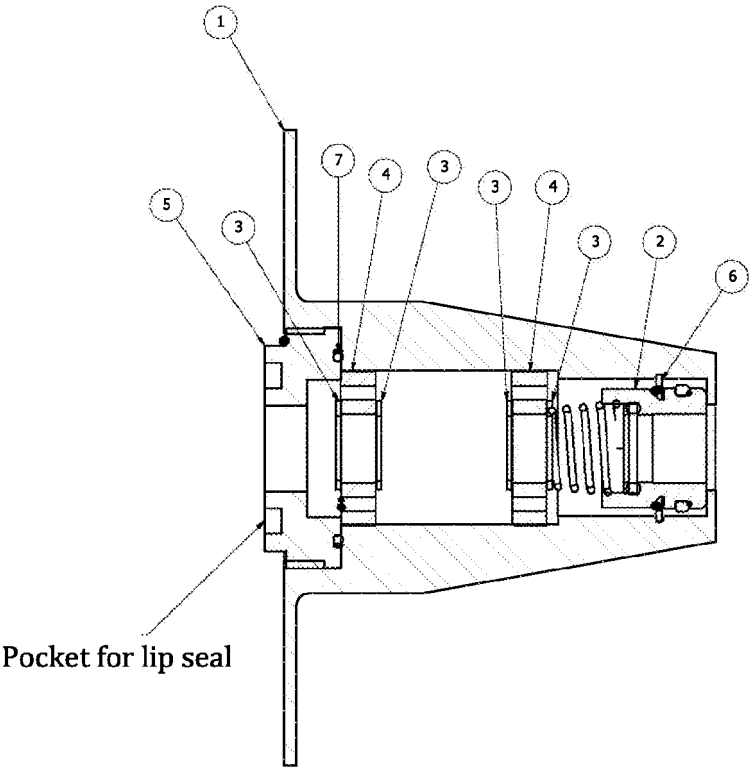
FIGURE 14

FIGURE 15

A.



B.

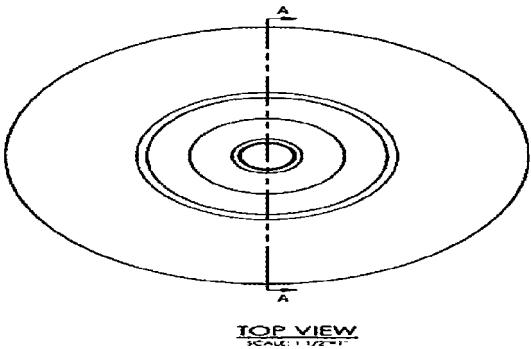
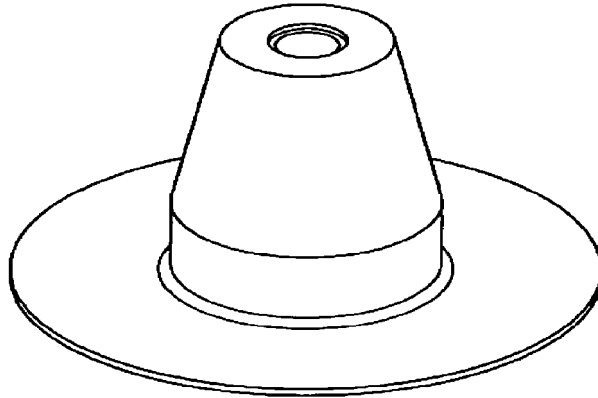


FIGURE 15

C.



ISOMETRIC VIEW
SCALE: 1.5"=1"