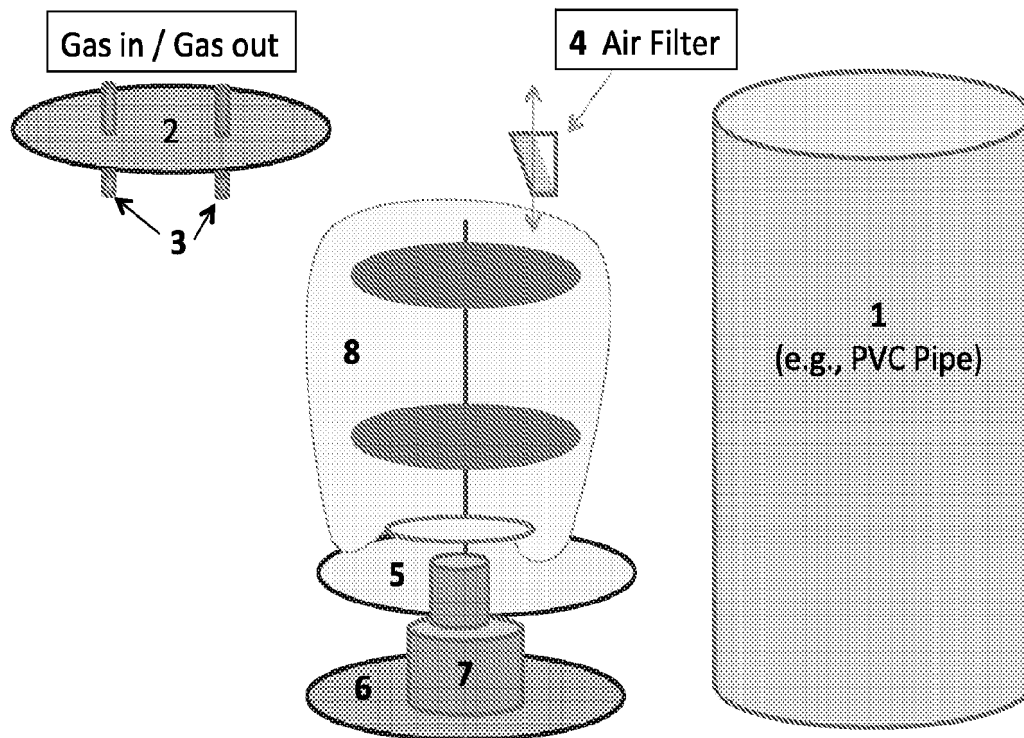
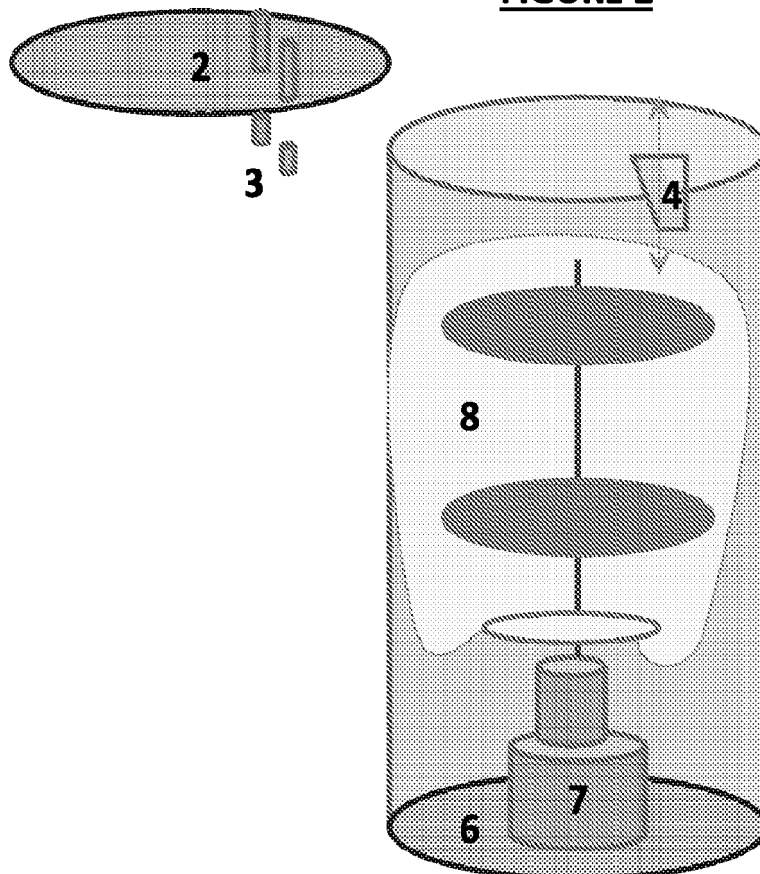


FIGURE 1

**SUC Assembly Packaging & Integrity Test**

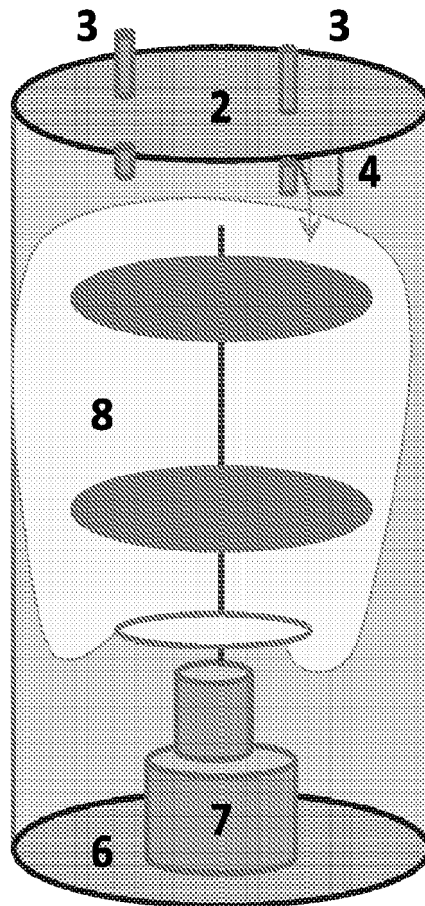
This assembly is intended to: (1) provide secure shipping of a disposable assembly (2) Allowing air to be added while maintaining sterility to integrity of the bag by providing structural support to allow overpressure with air.

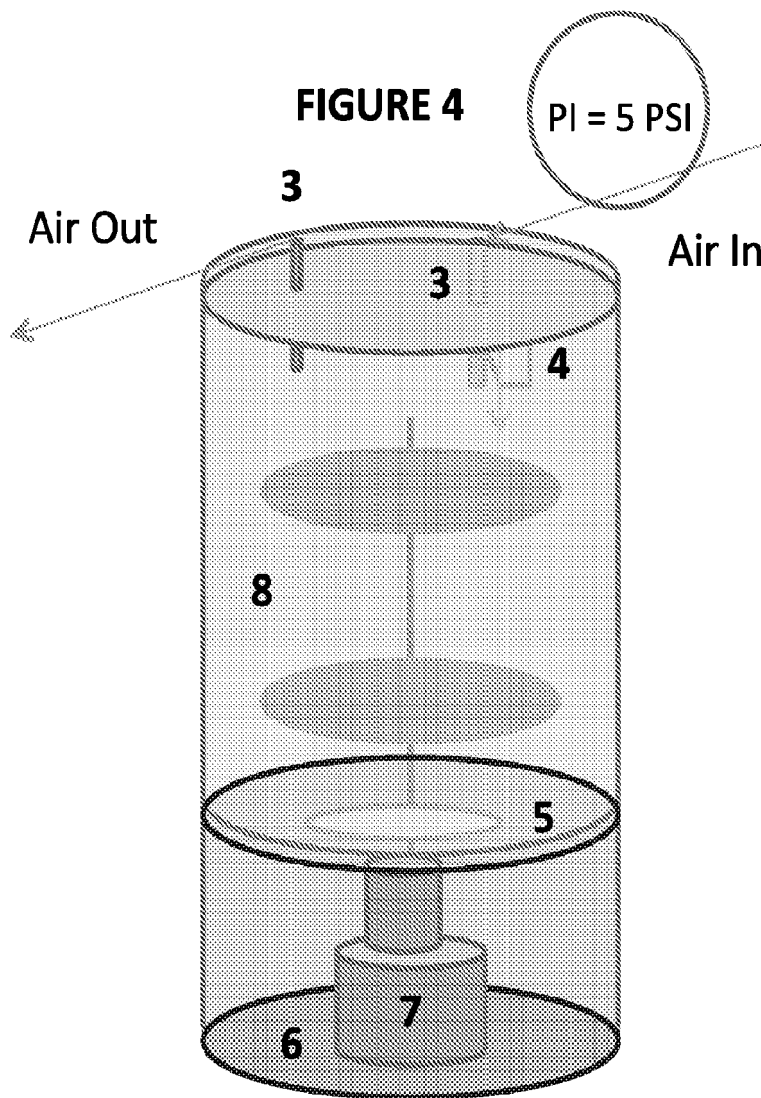
FIGURE 2

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

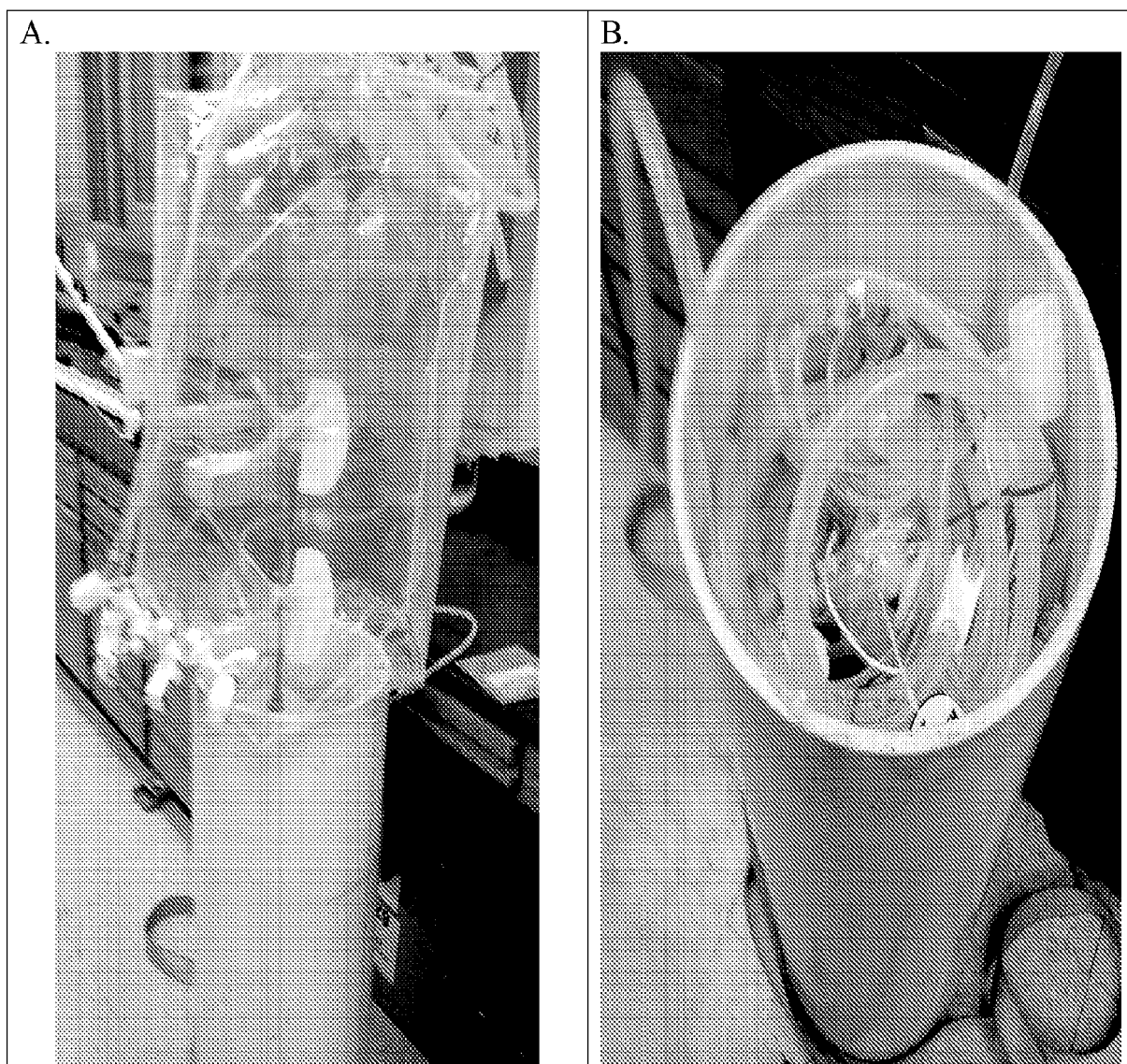
FIGURE 5

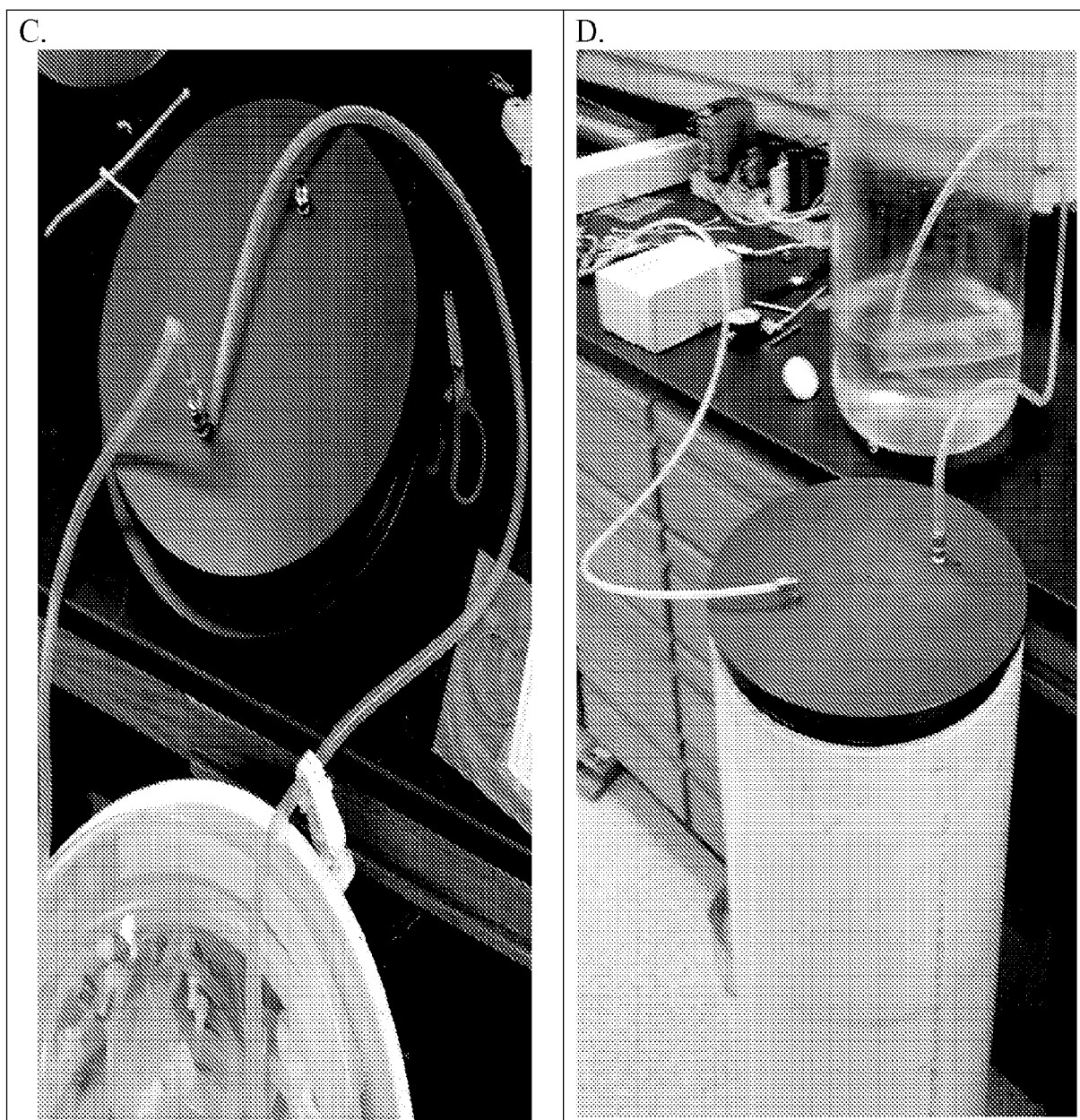
FIGURE 5 (Continued)

FIGURE 6

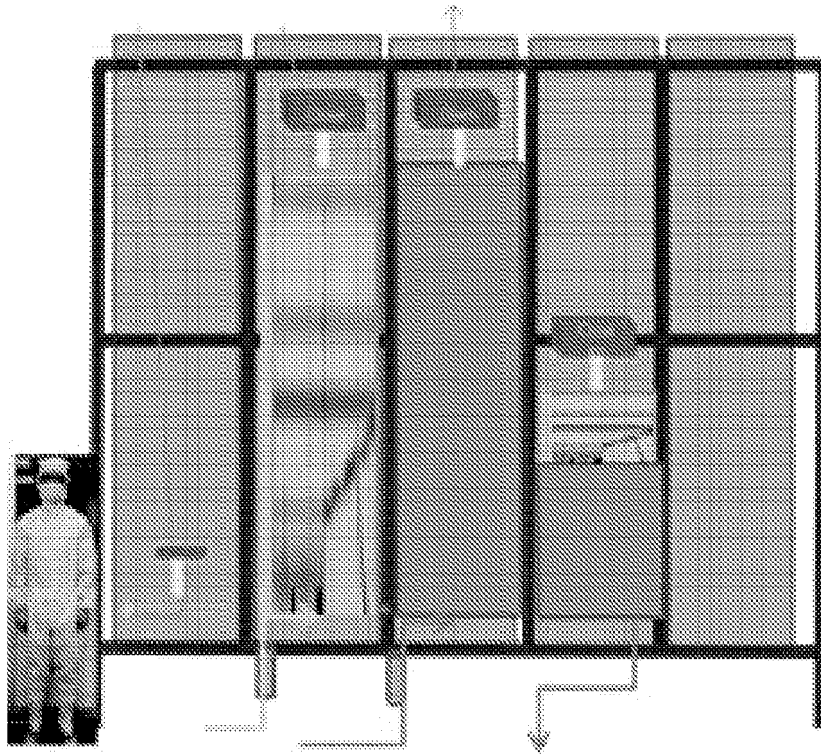
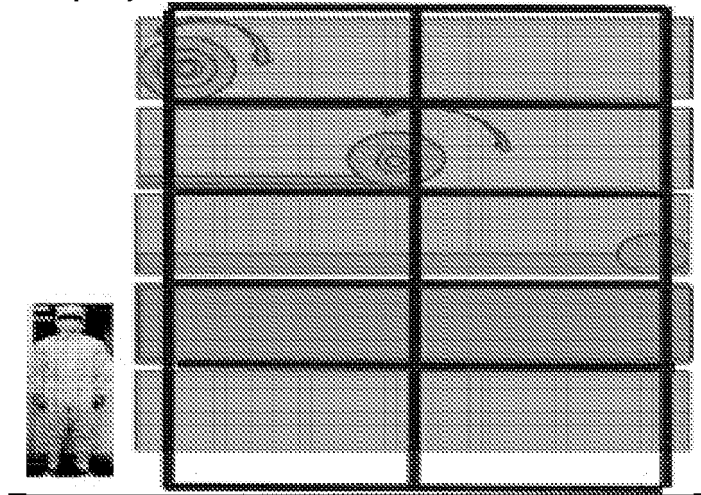


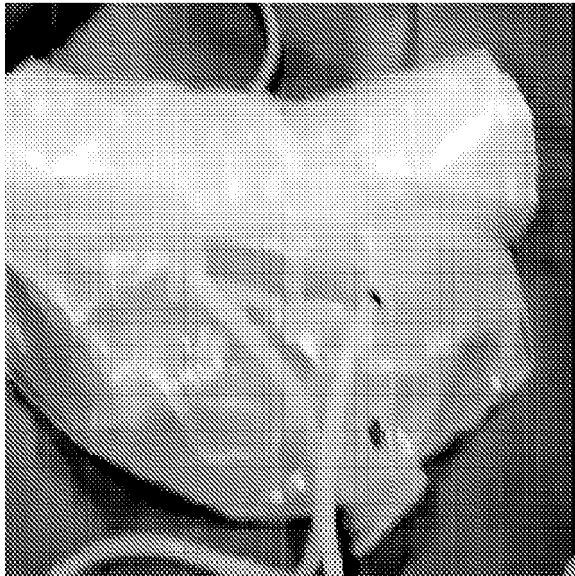
FIGURE 7

A.

Deployment of the SUC.



B.



C.



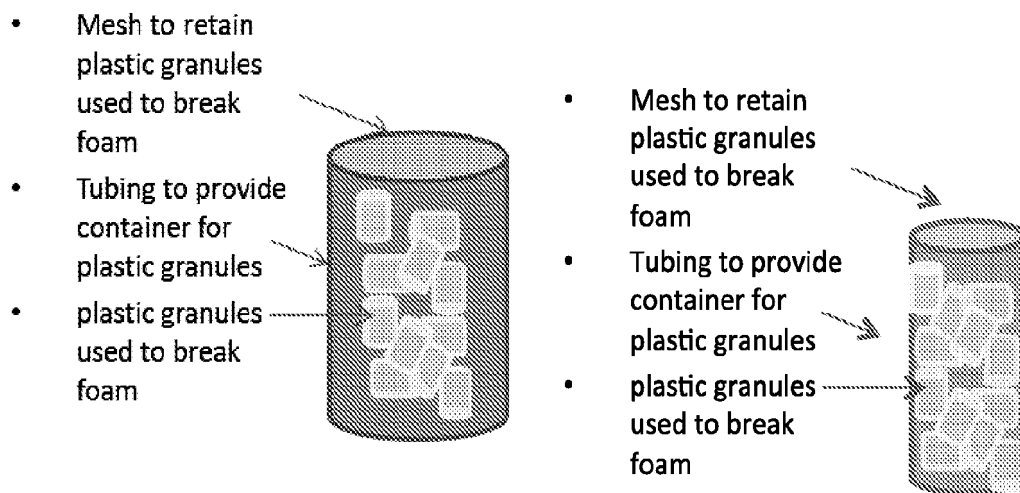
FIGURE 8

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

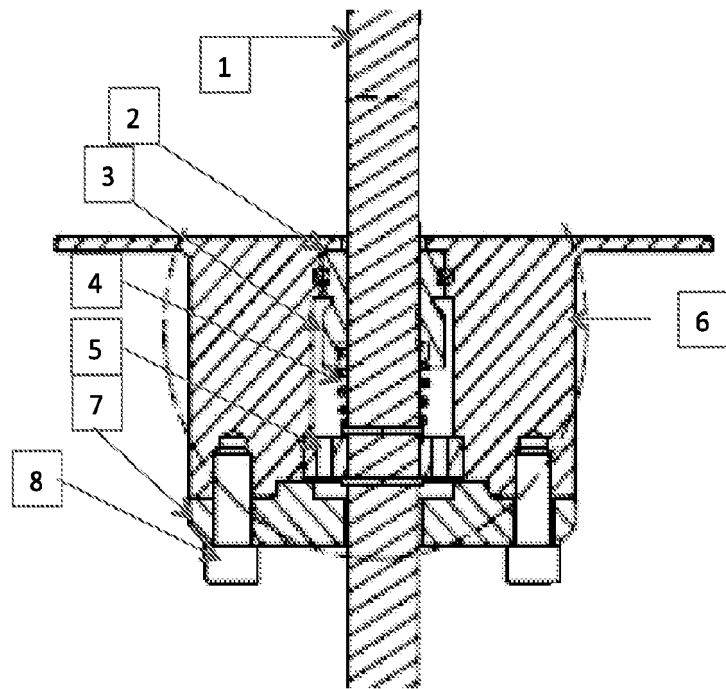


FIGURE 10

5 A.

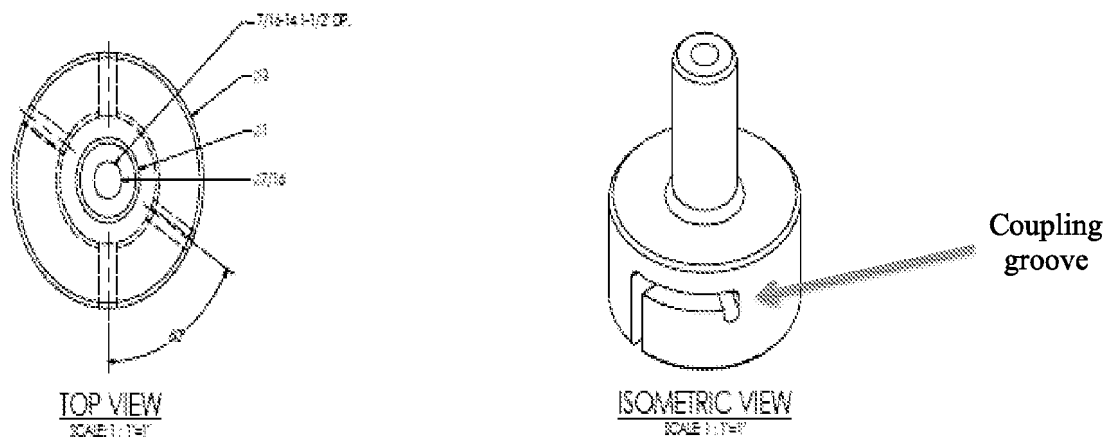


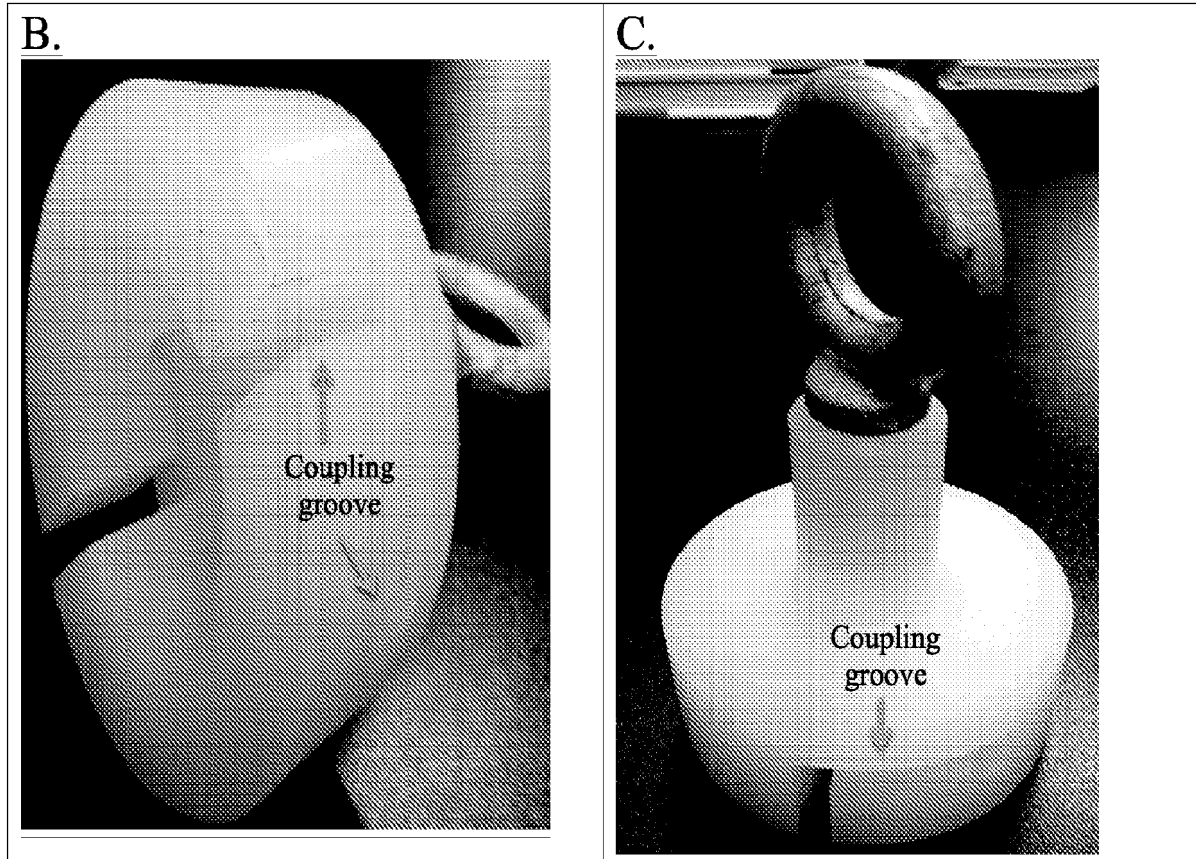
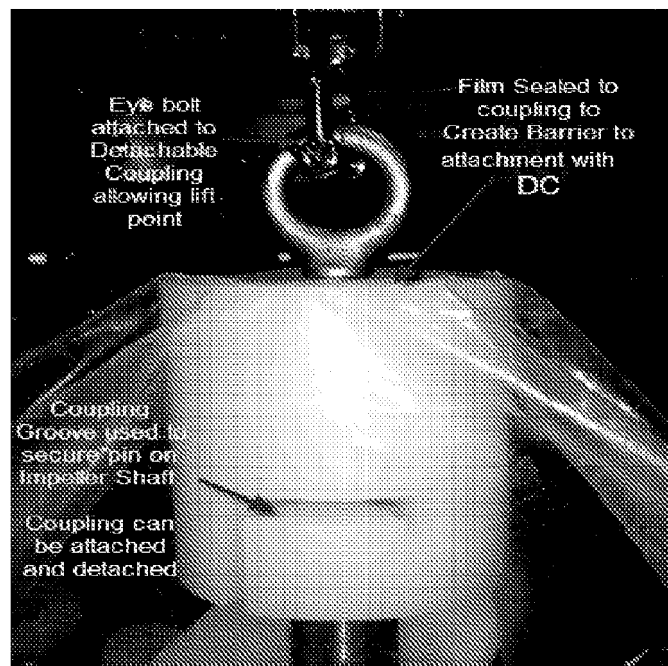
FIGURE 10 (continued)

FIGURE 10 (continued)

D.



E.

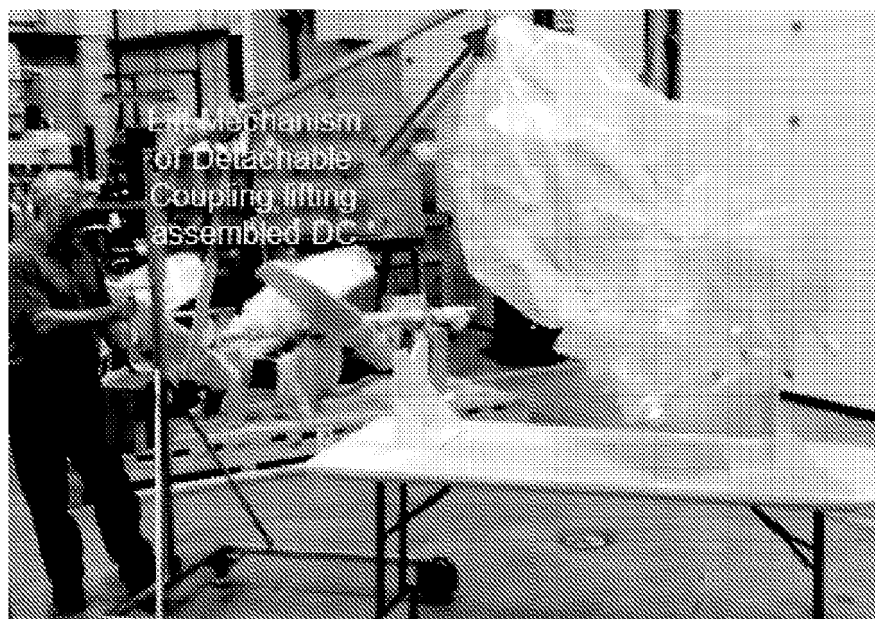


FIGURE 10F

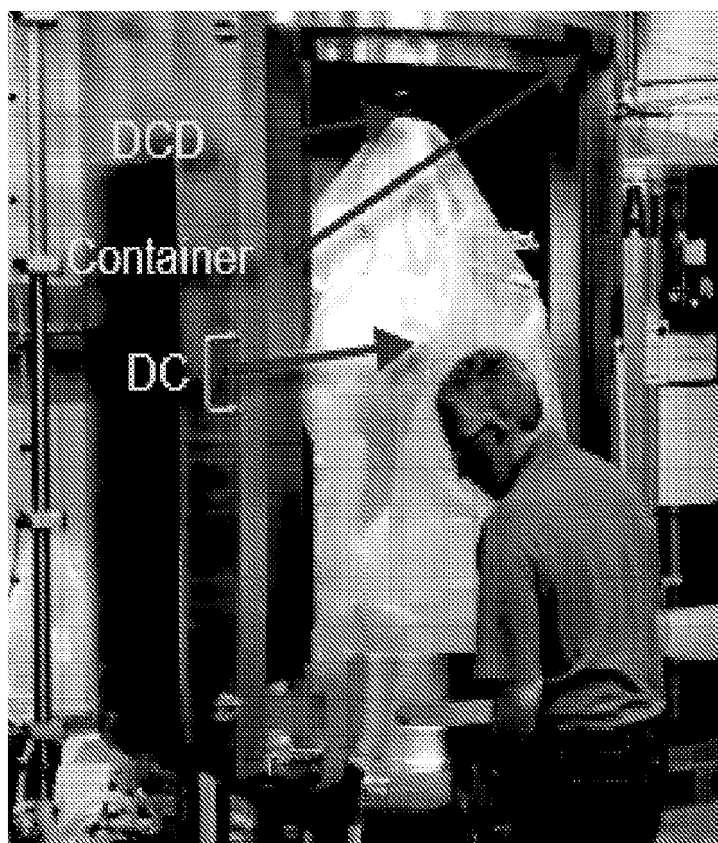


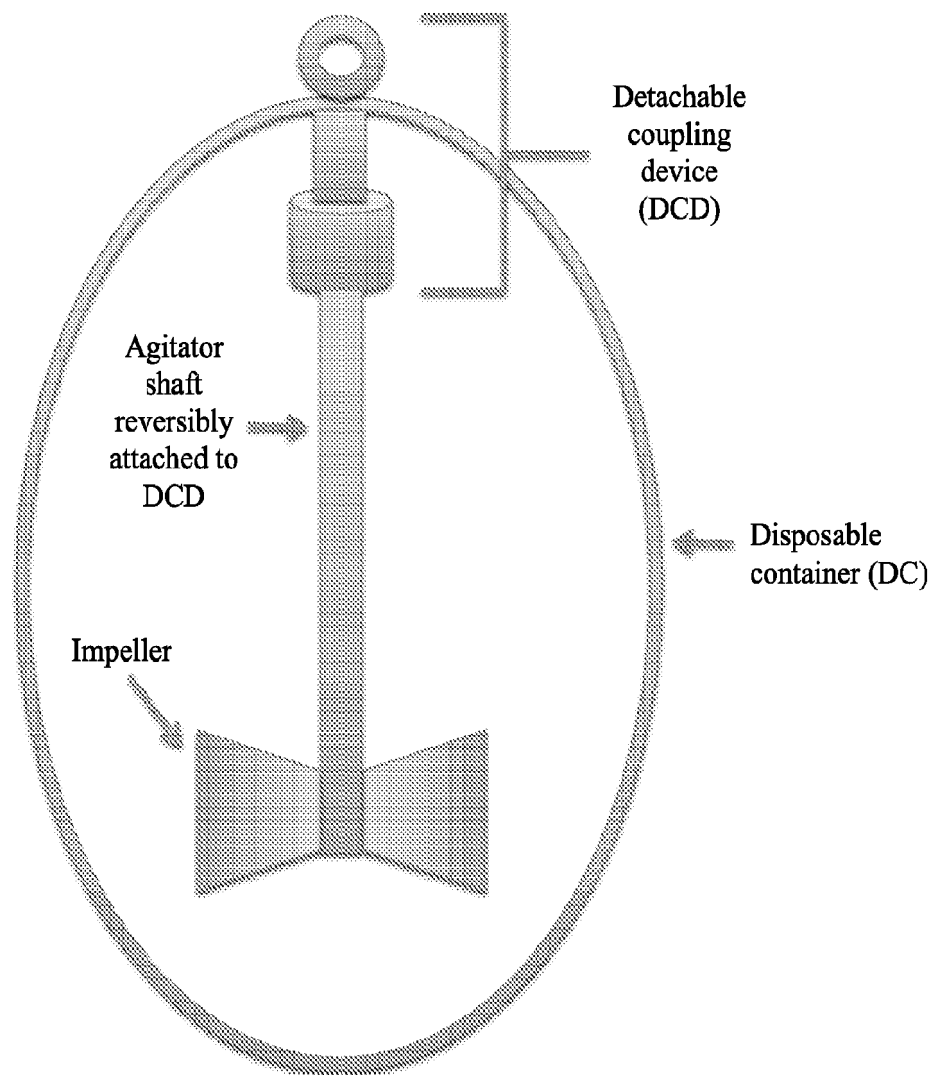
FIGURE 11

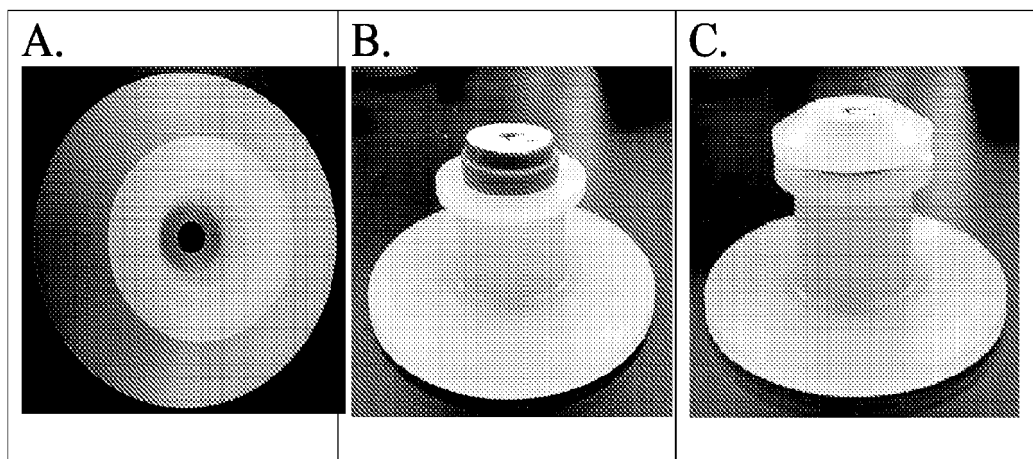
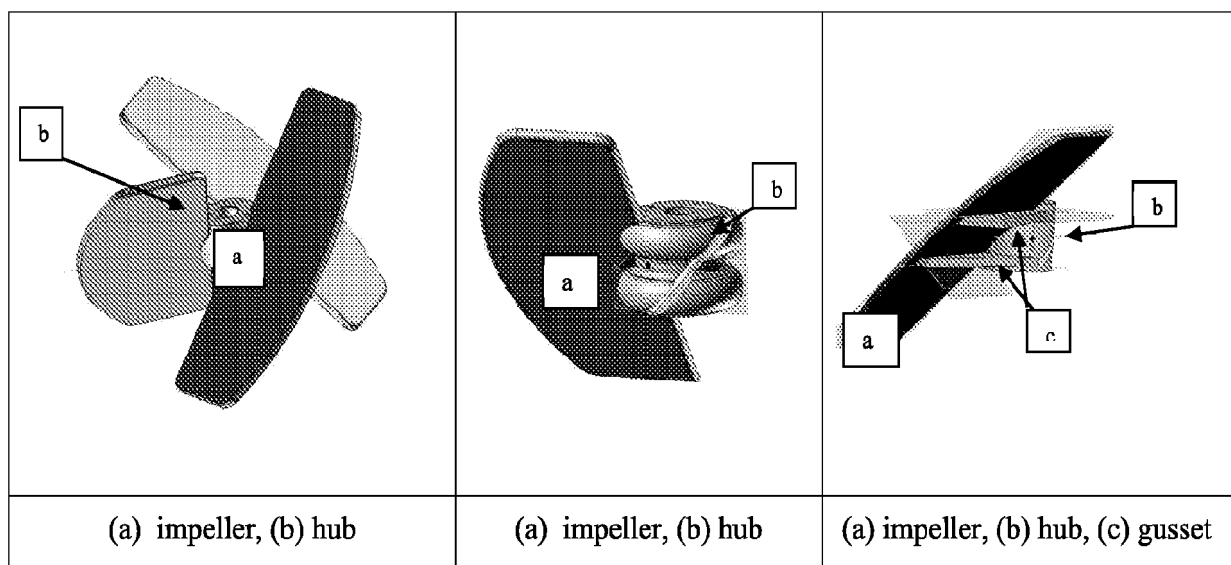
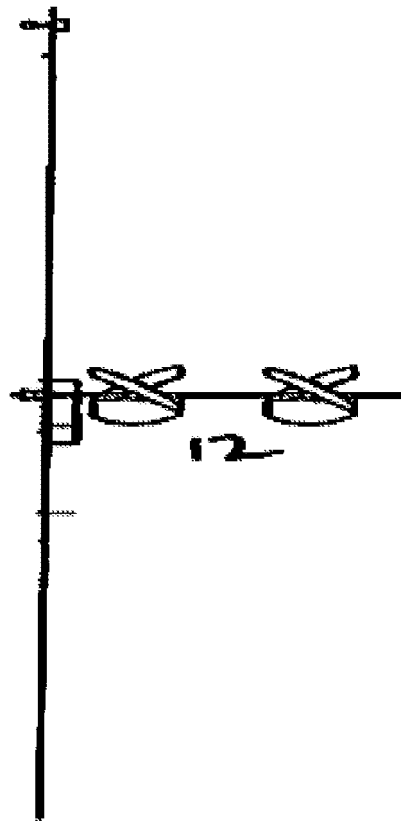
FIGURE 12**FIGURE 13****A. Baseline****B. Yo Yo****C. Gusset**

FIGURE 14

14A-1



SIDE VIEW VIEW
12

FIGURE 14

14A-2

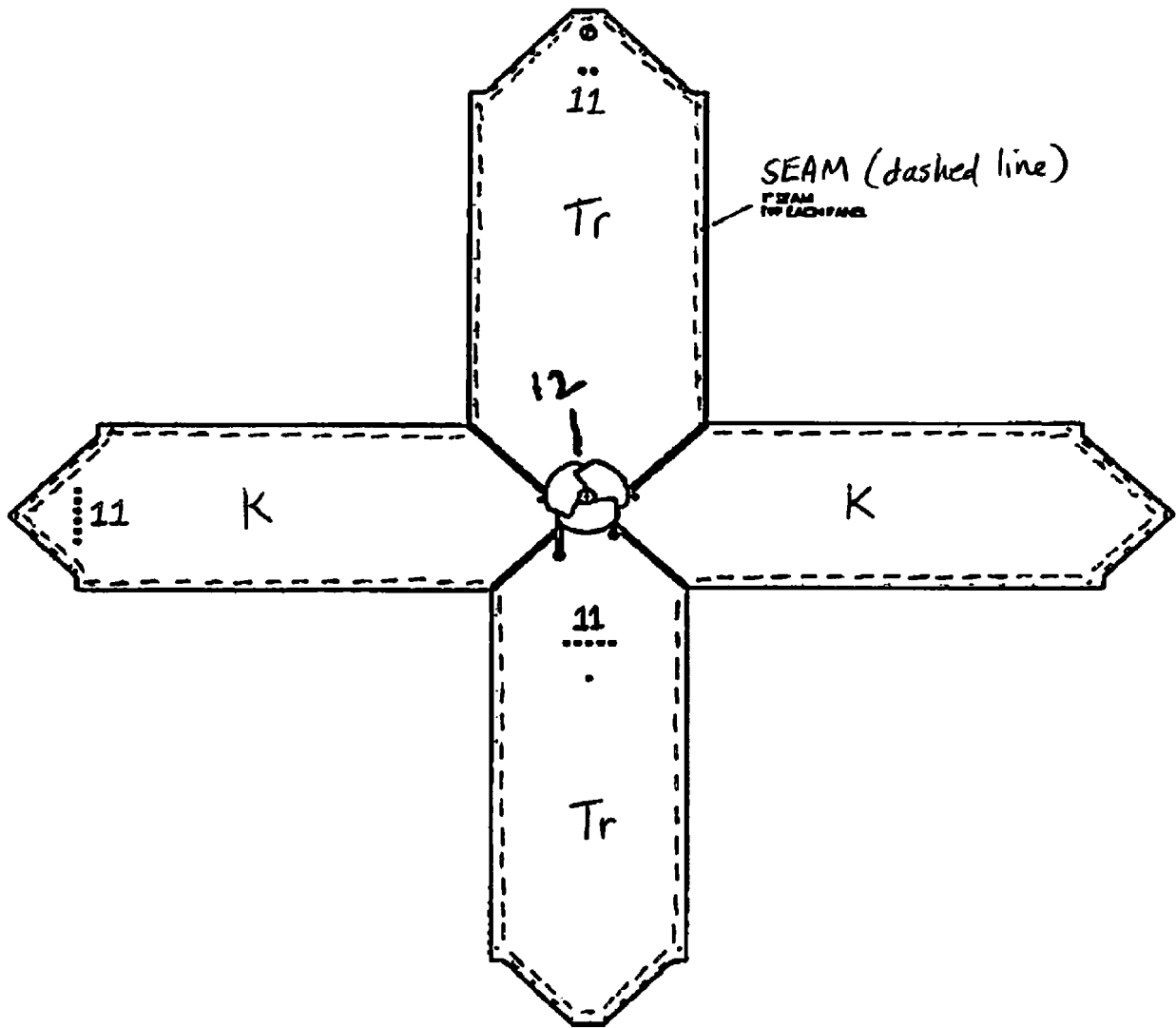
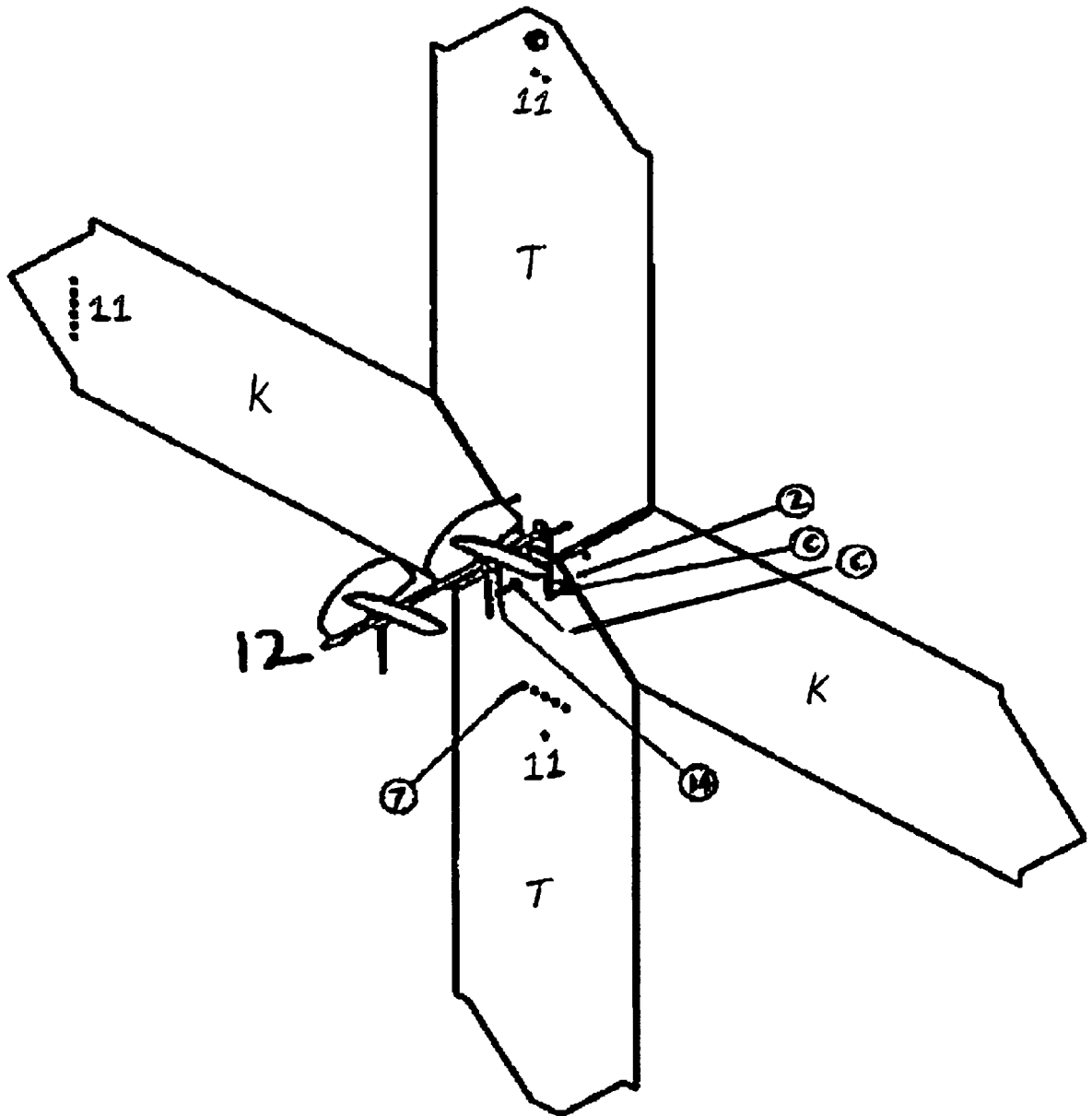


FIGURE 14

14A-3



Interior isometric view

FIGURE 14

14A-4

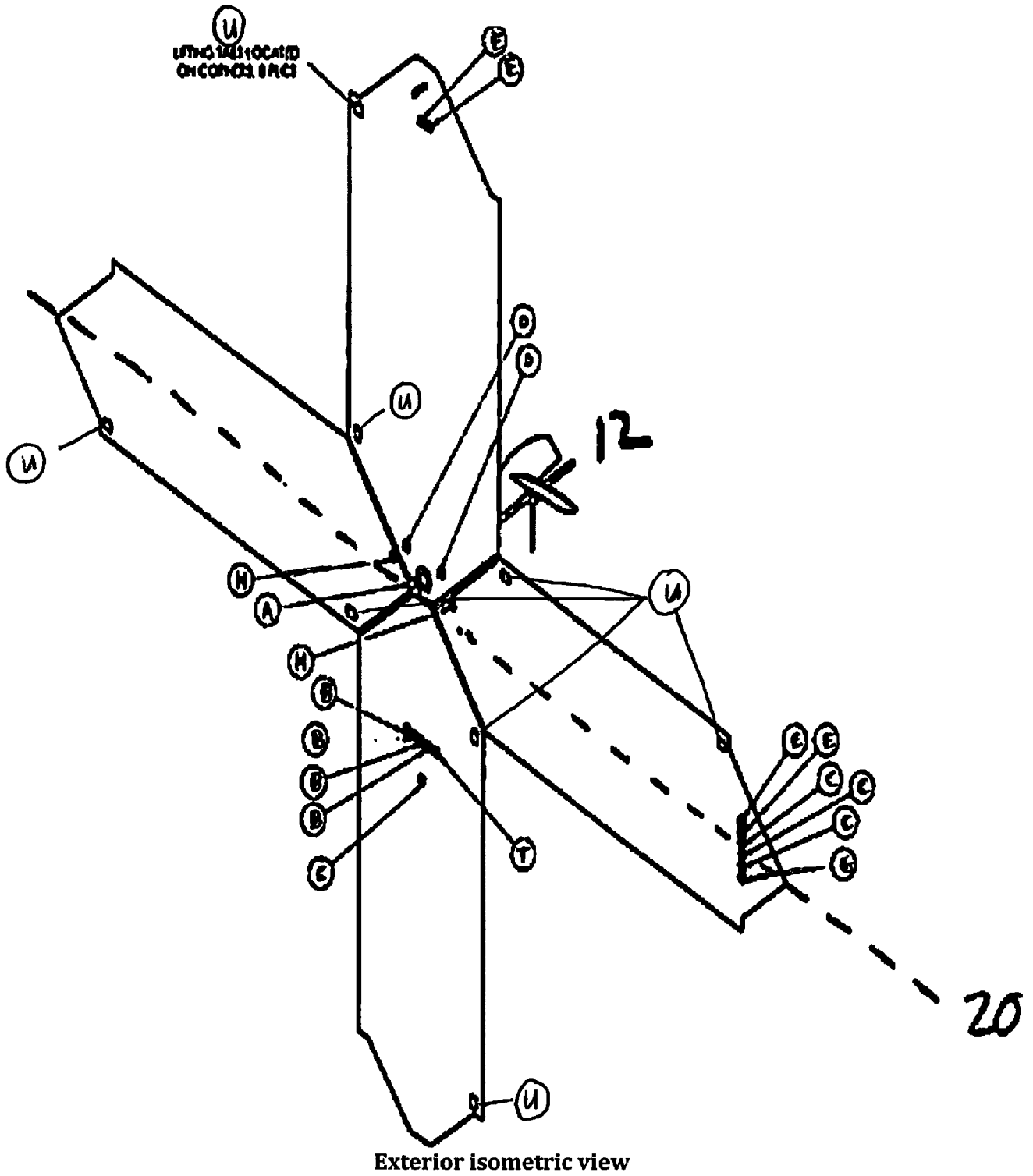


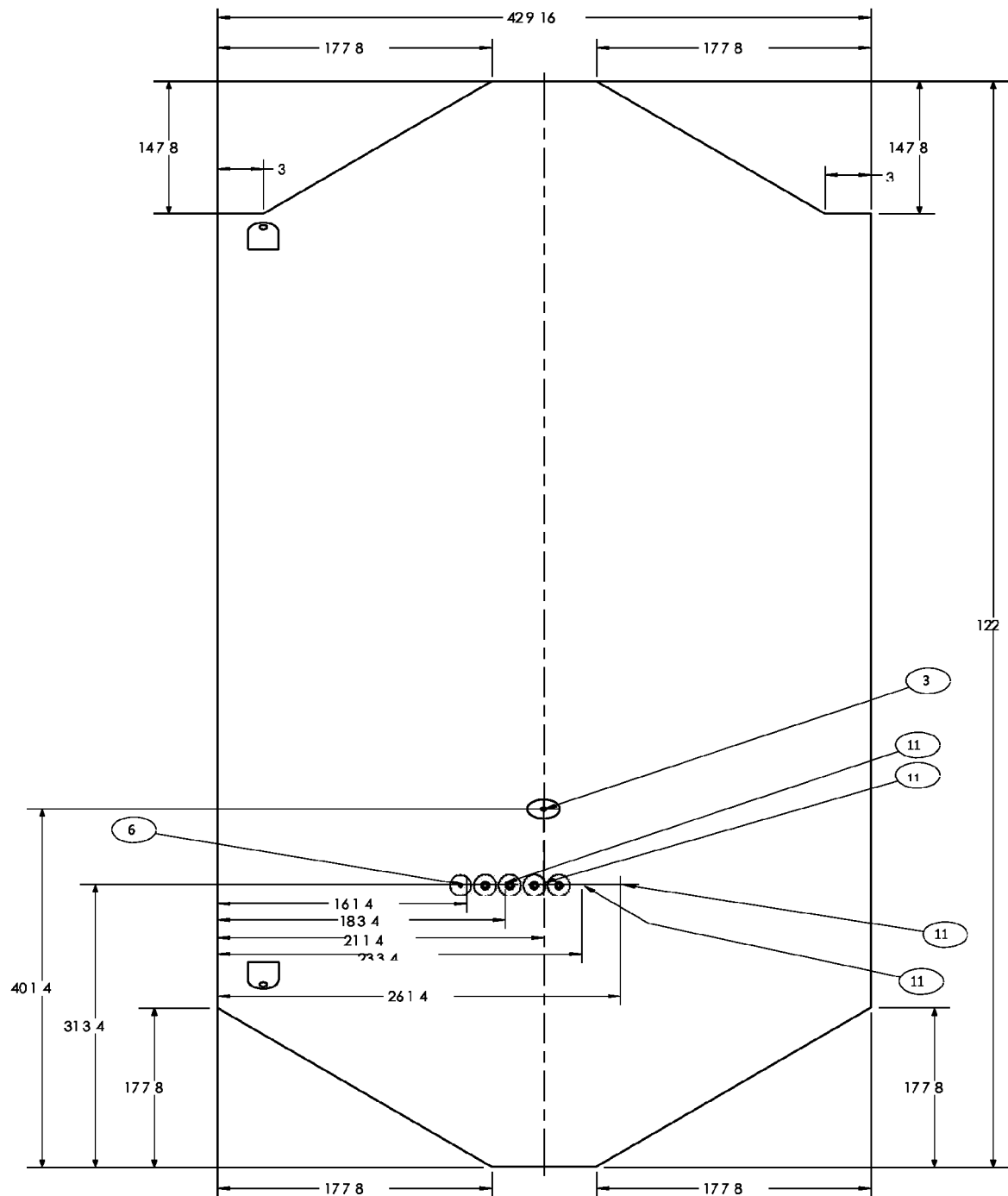
FIGURE 14**14B-1****Front Panel (Trapezoidal) Exterior View**

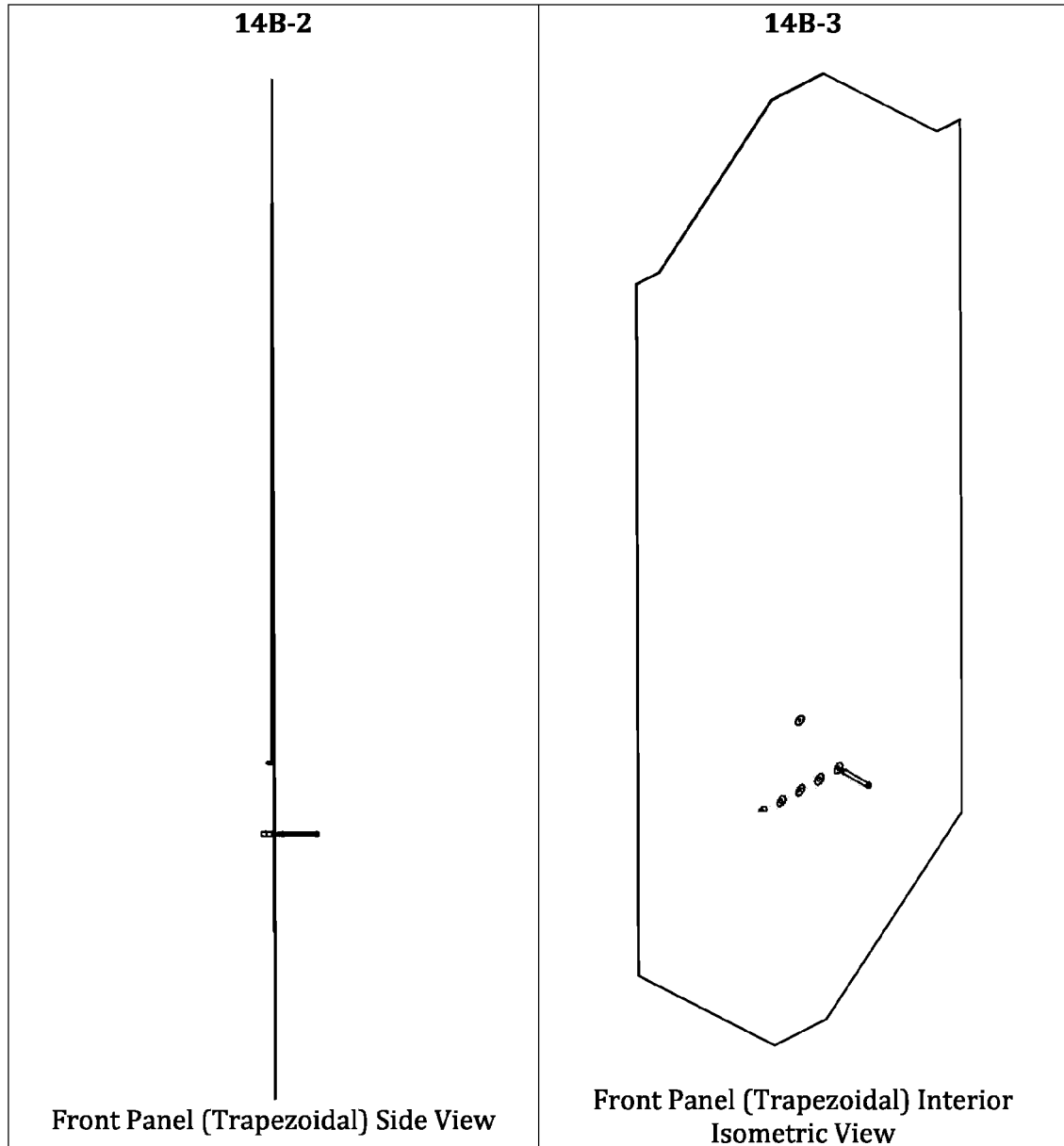
FIGURE 14

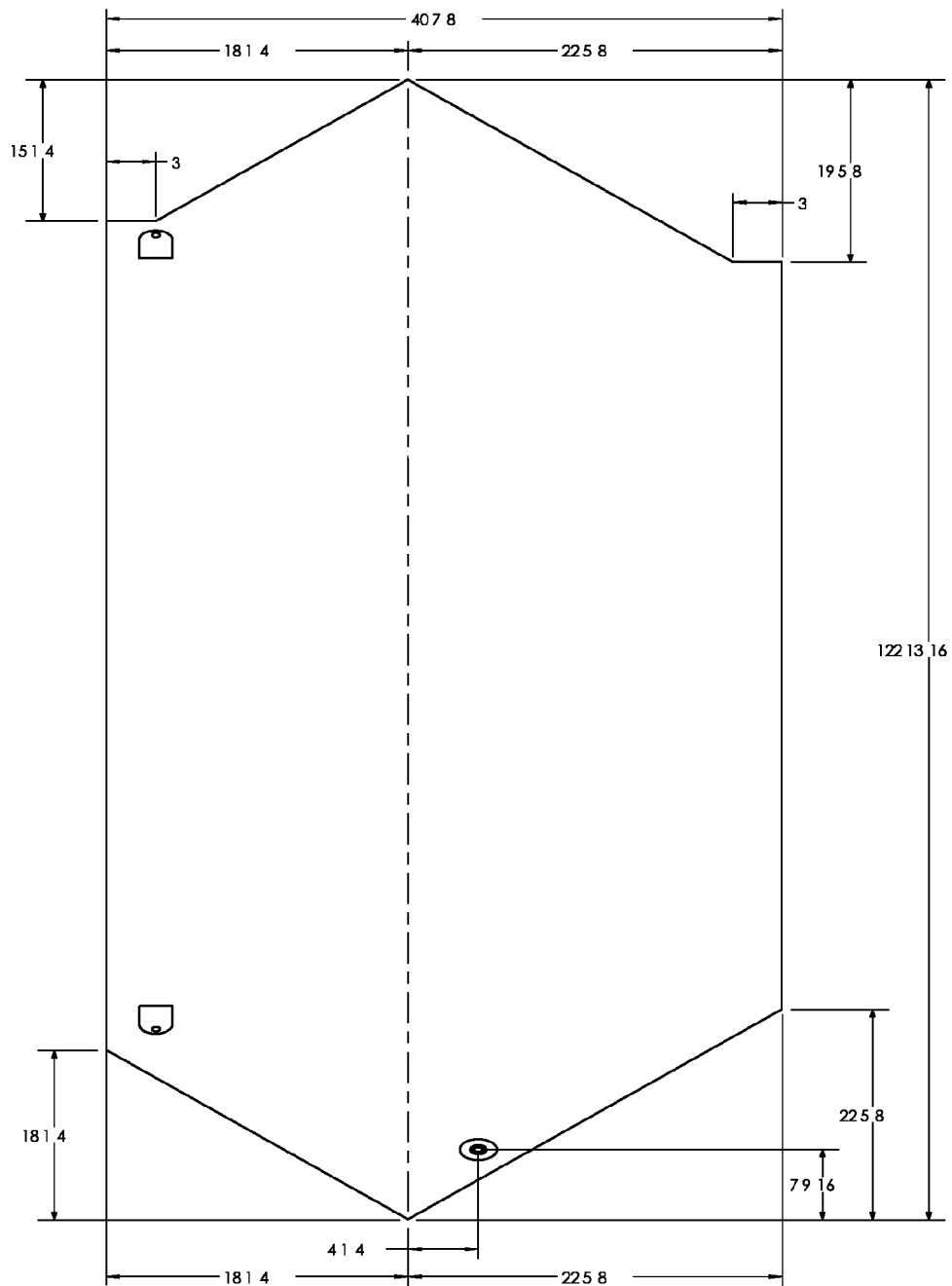
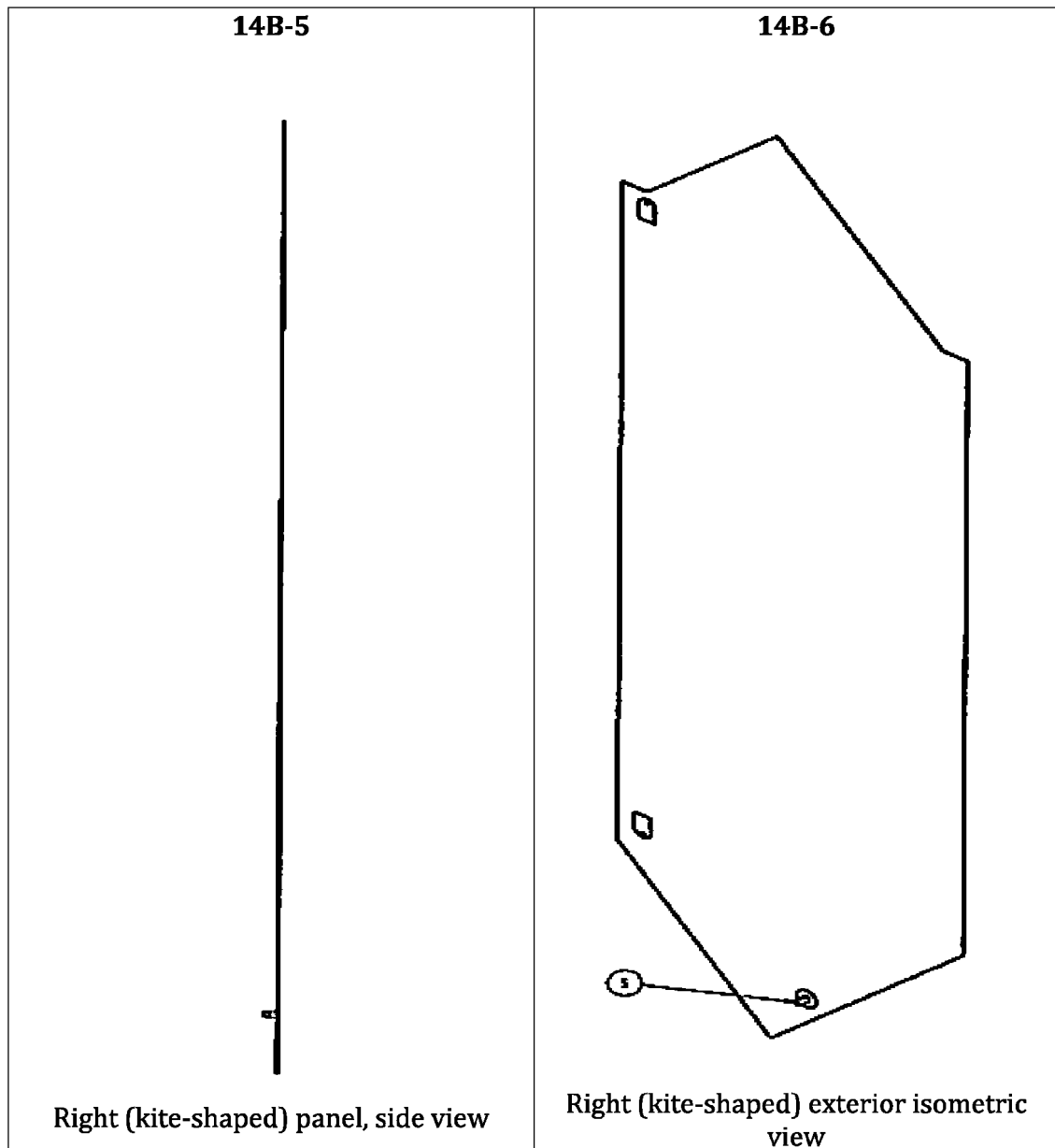
FIGURE 14**14-B4****Right (kite-shaped) panel, exterior view**

FIGURE 14

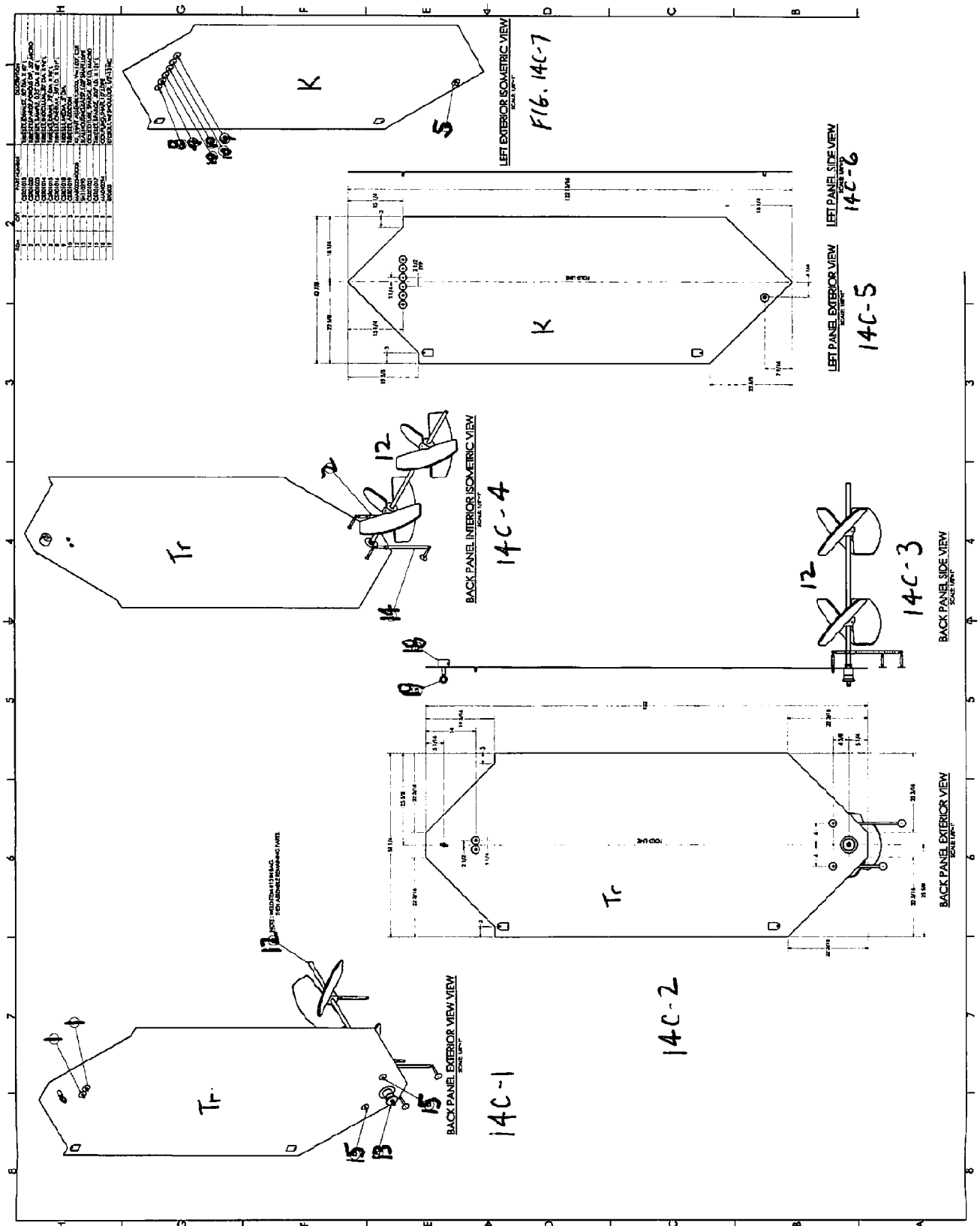
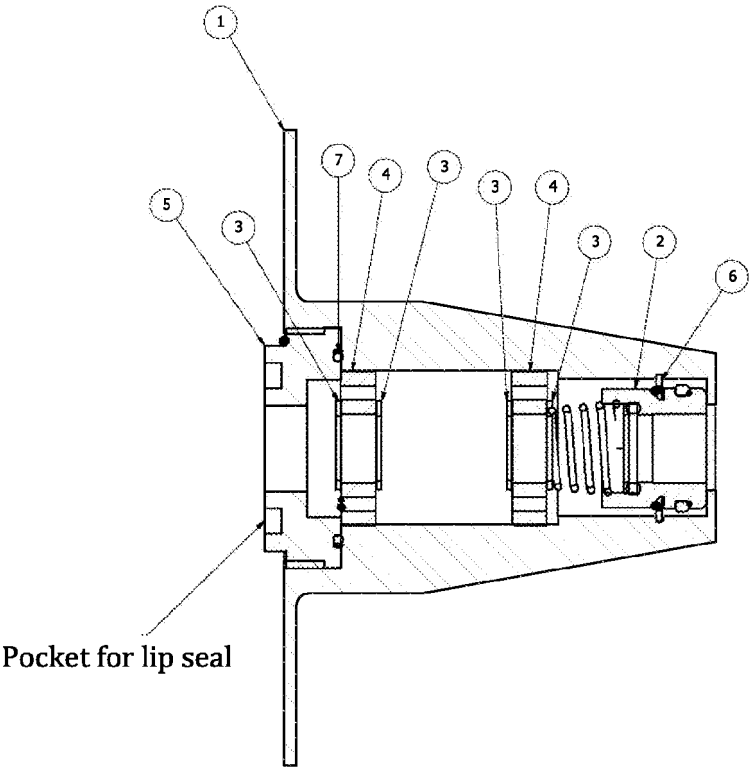


FIGURE 15

A.



B.

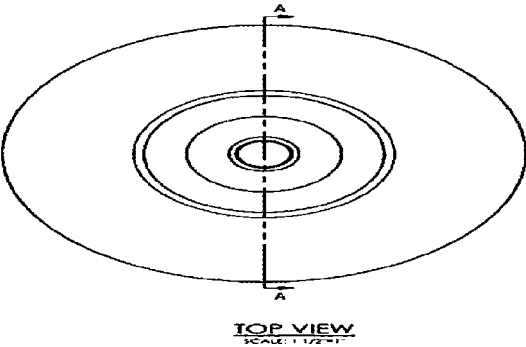
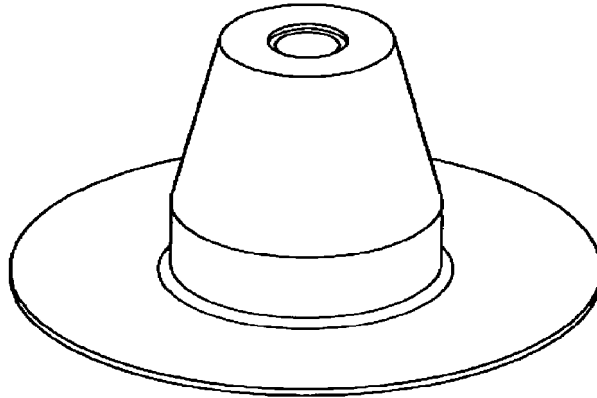


FIGURE 15

C.



ISOMETRIC VIEW
SCALE: 1.5"=1"