

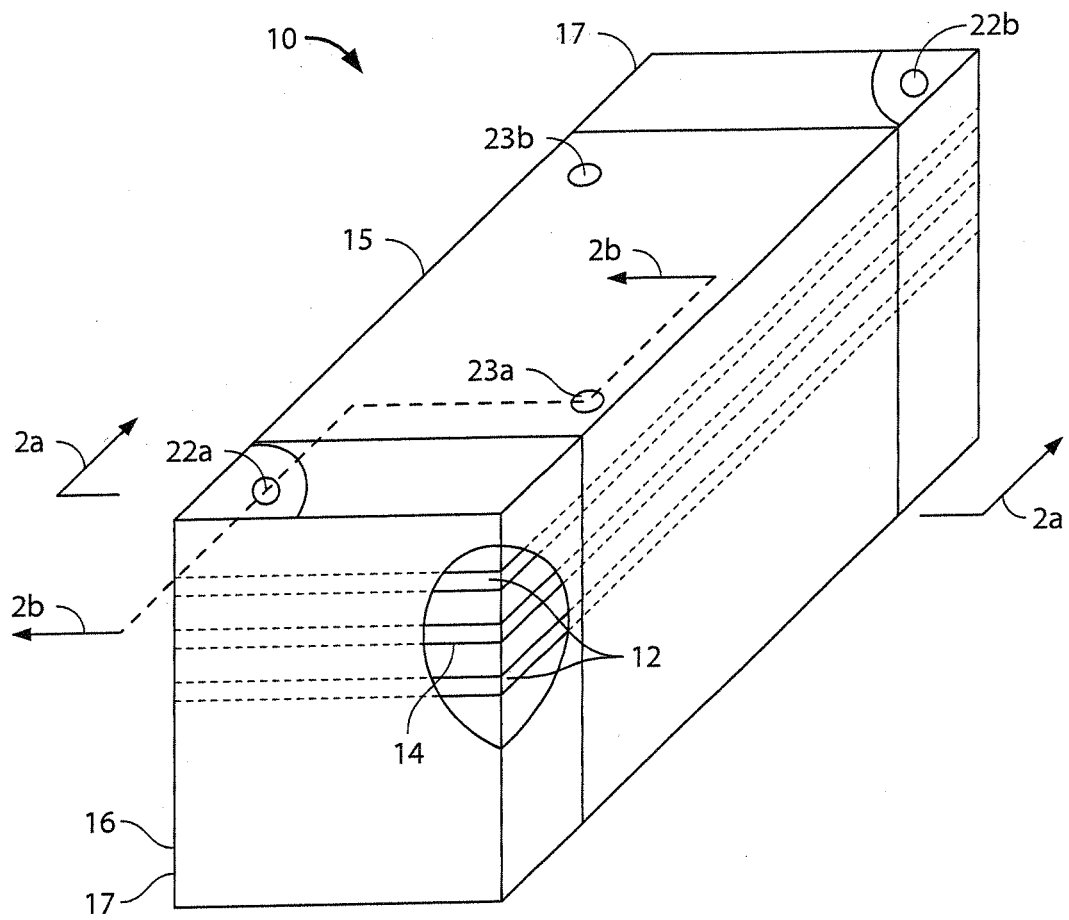


Fig. 1

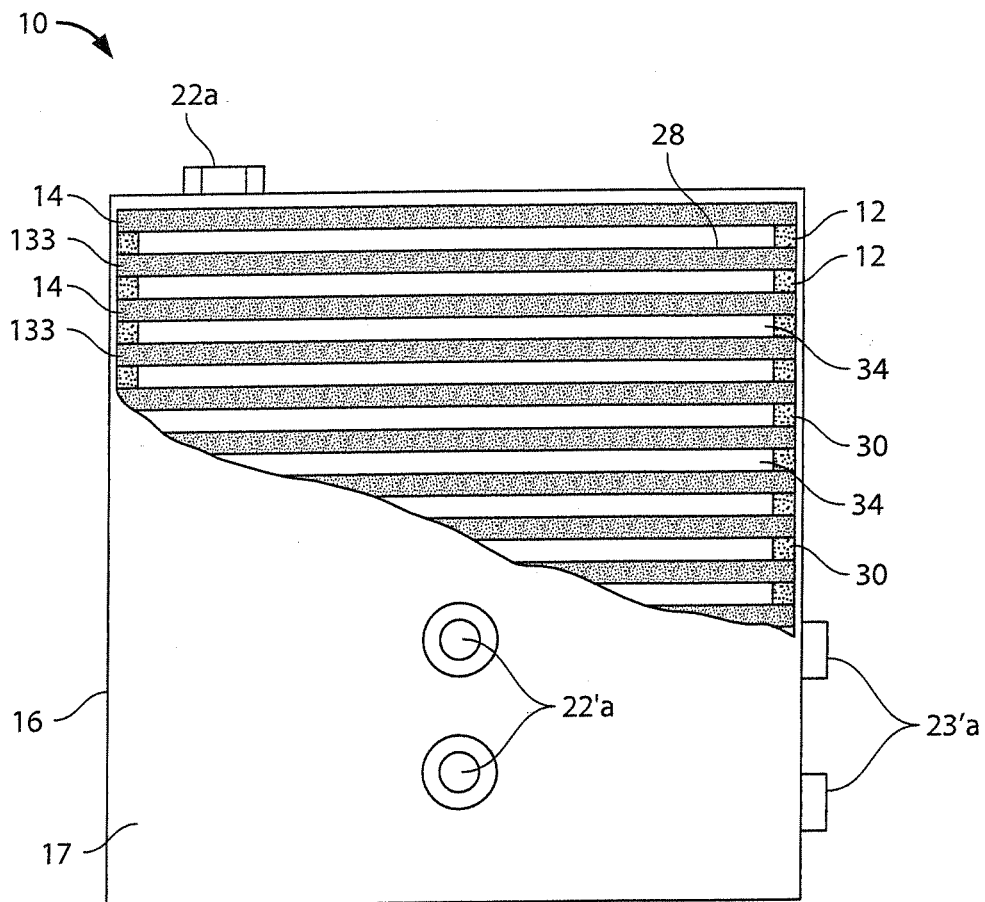


Fig. 2A

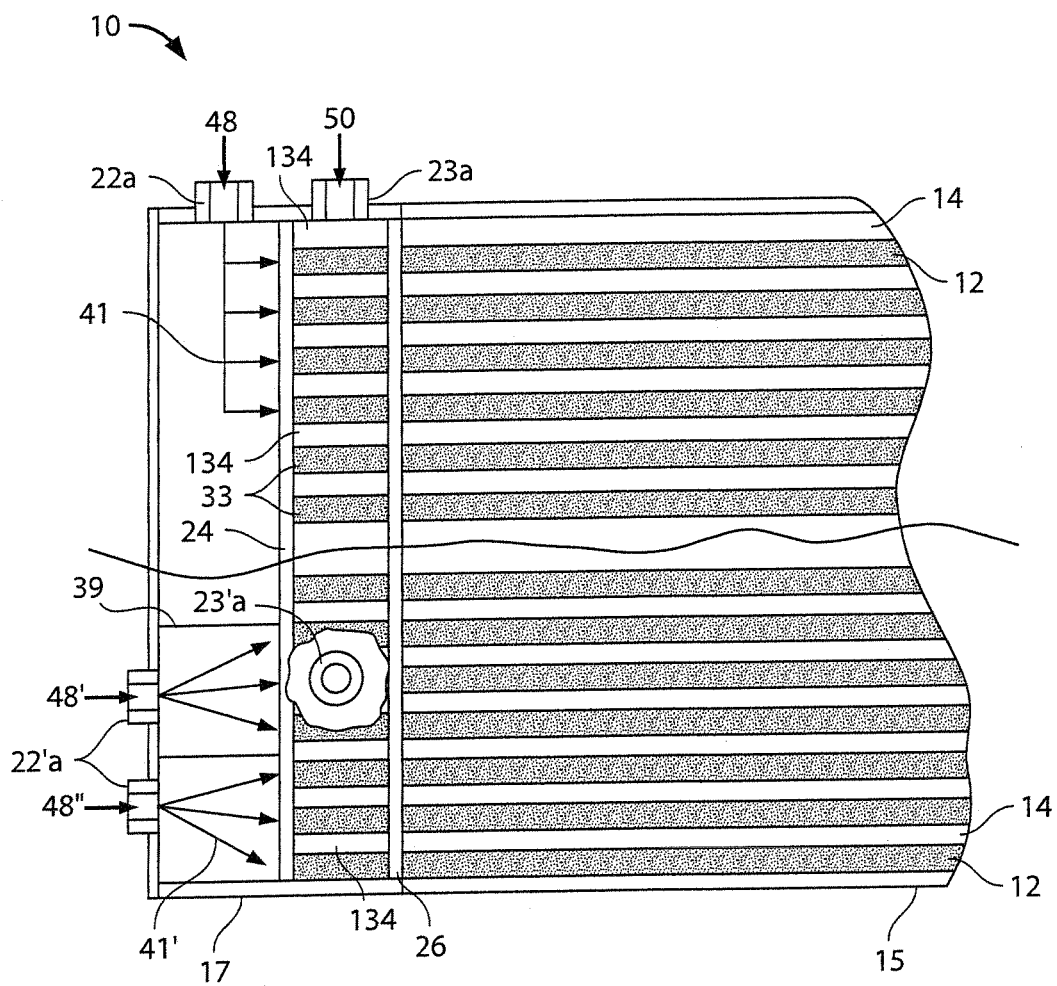


Fig. 2B

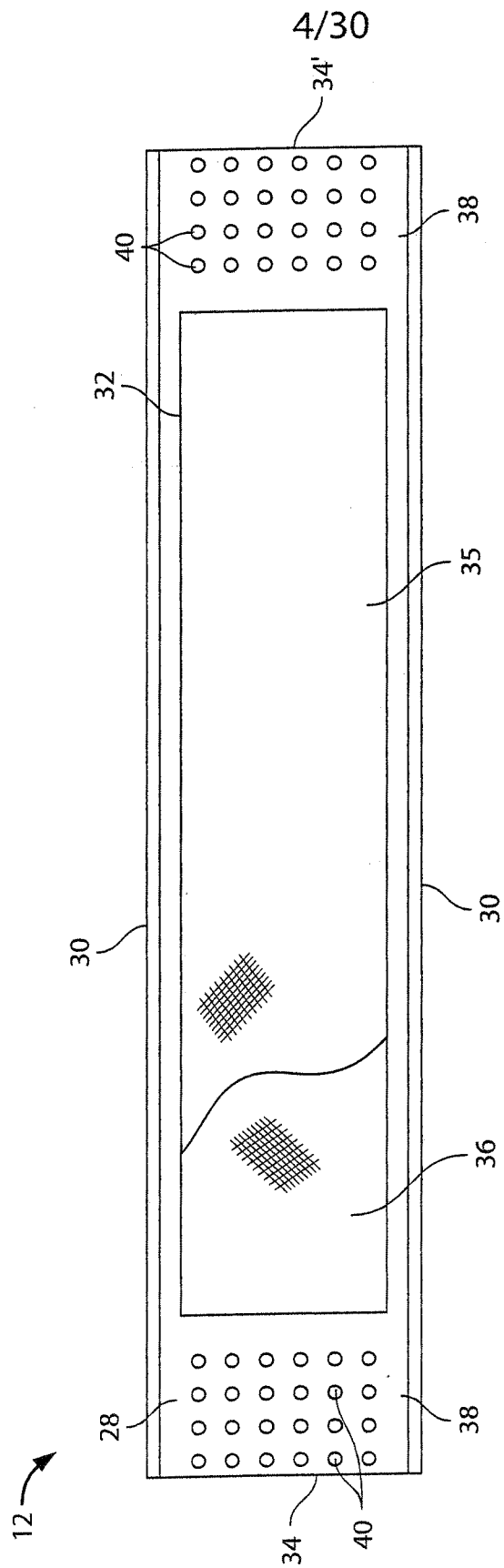


Fig. 3A

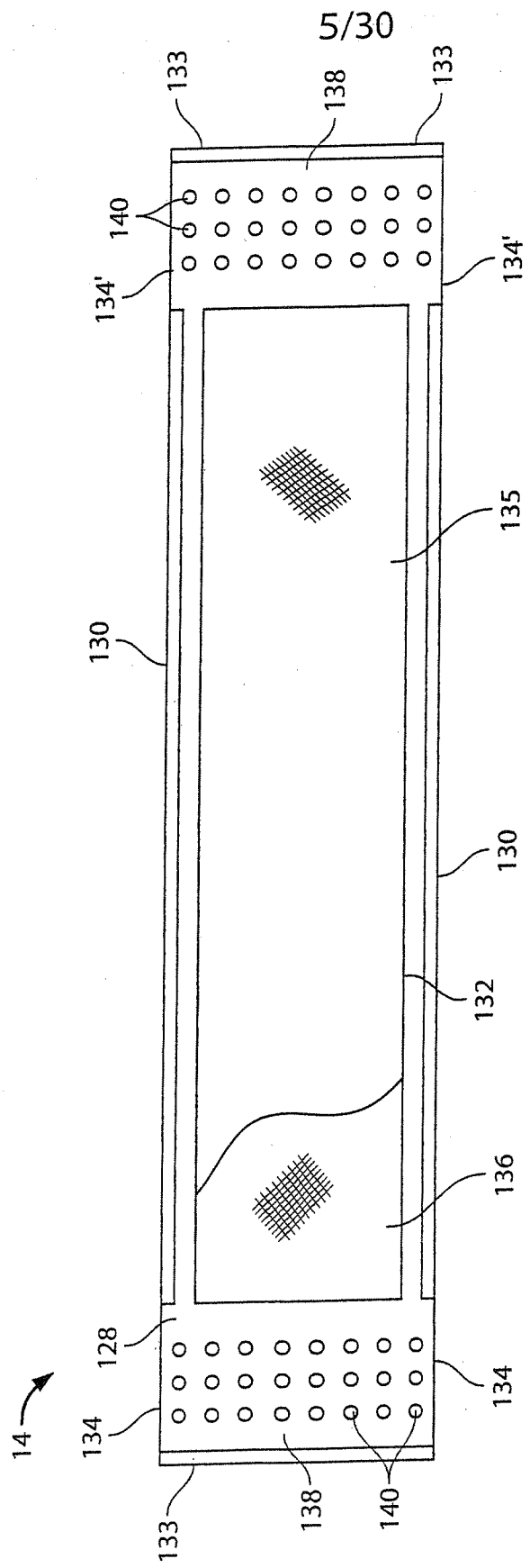


Fig. 3B

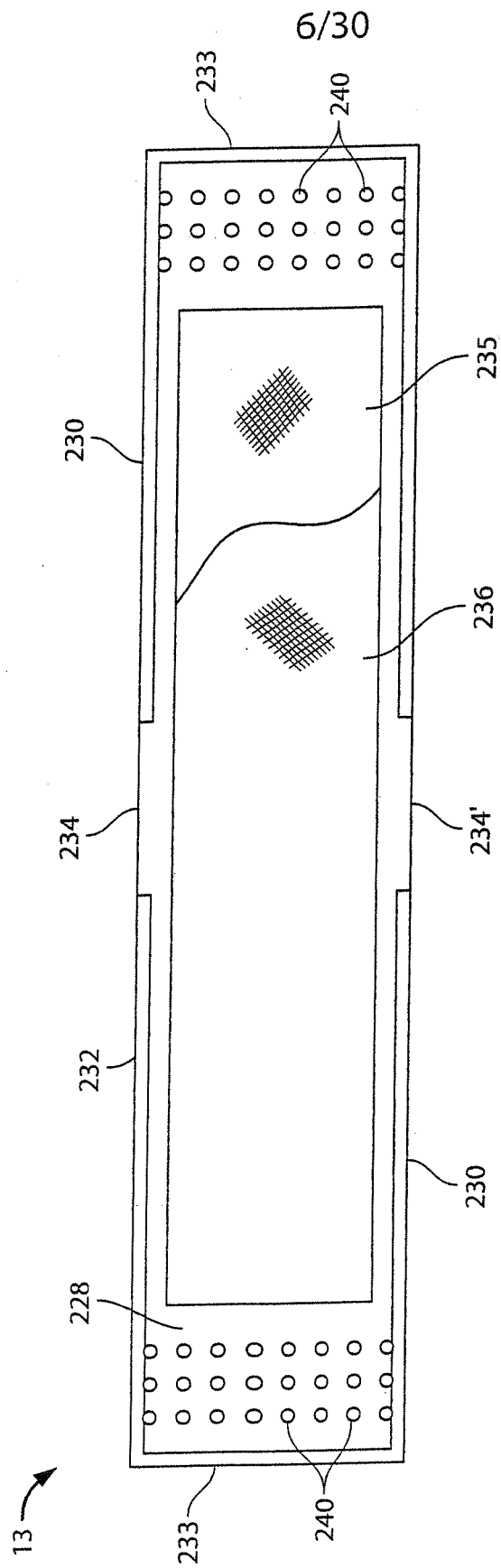


Fig. 3C

7/30

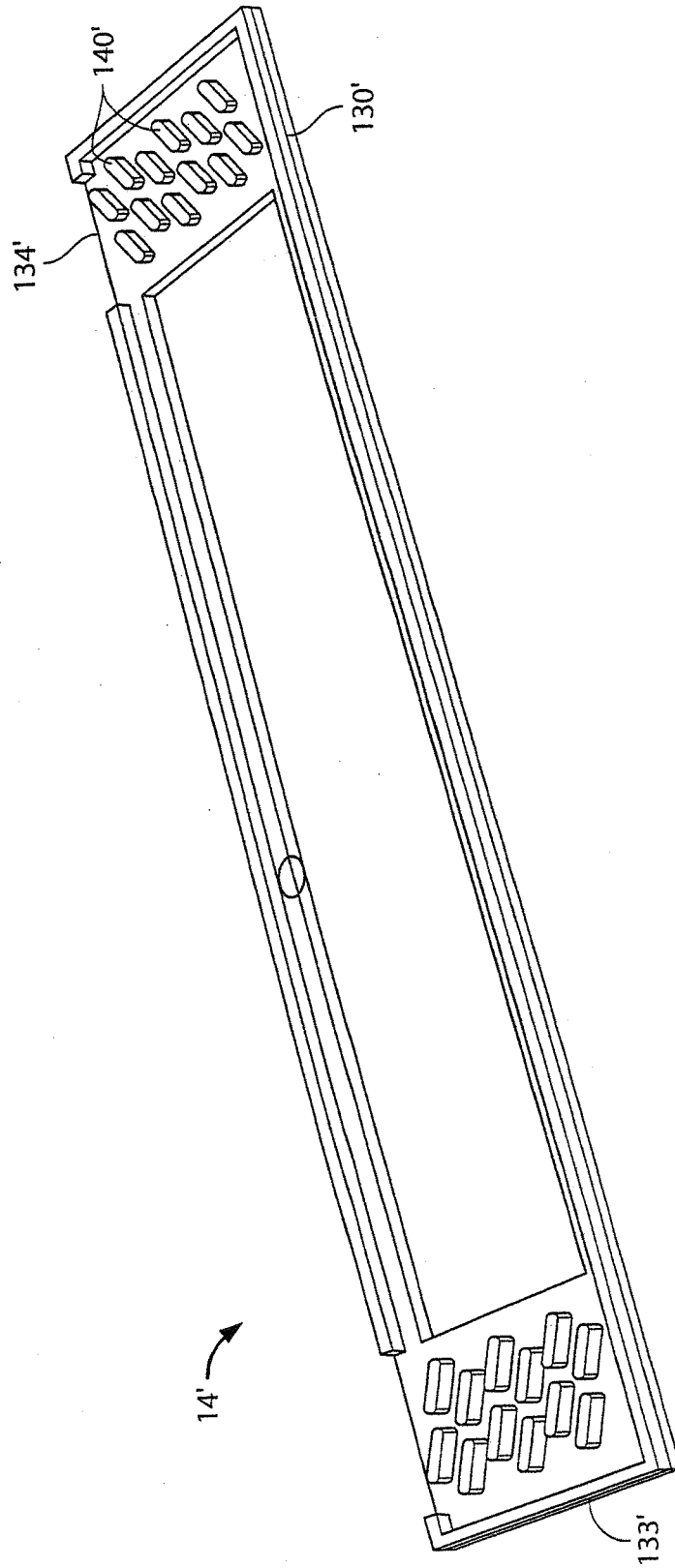


Fig. 3D

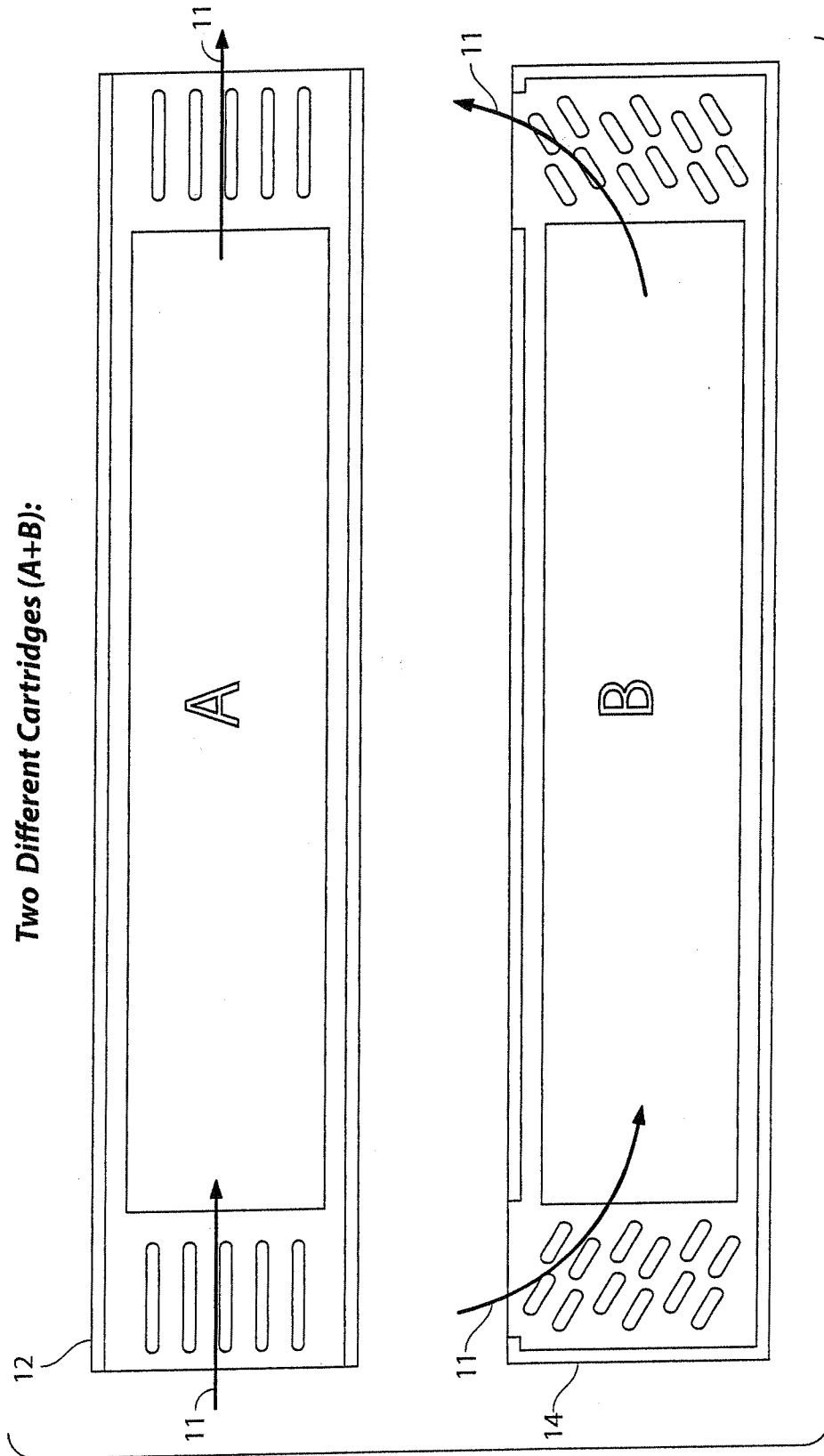


Fig. 3E

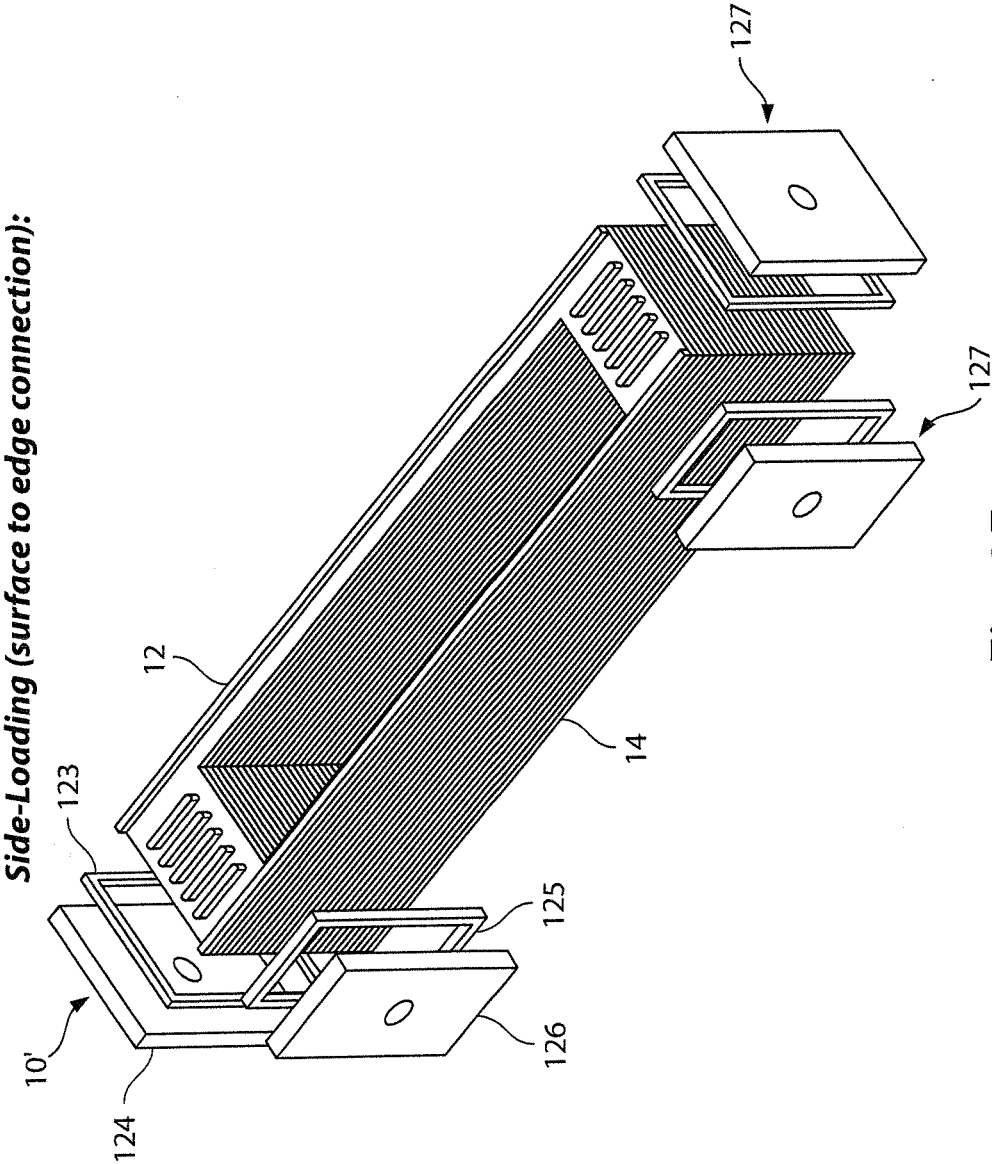


Fig. 3F

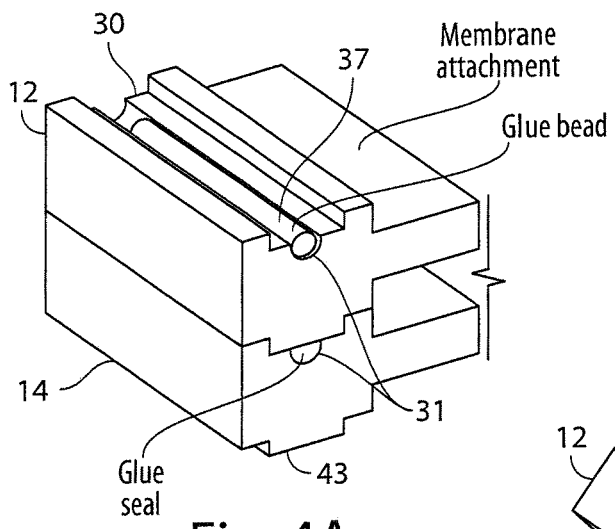


Fig. 4A

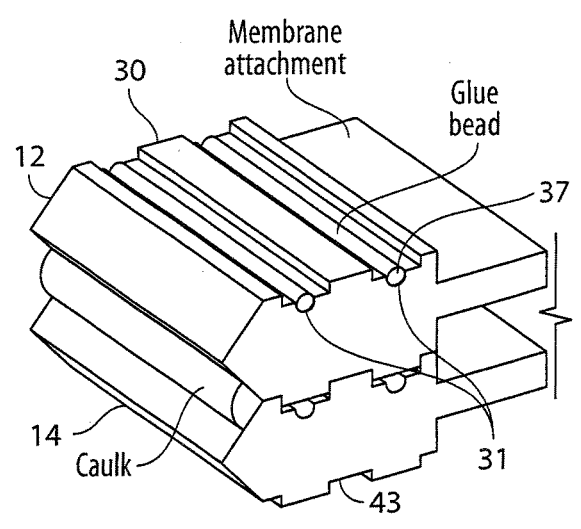


Fig. 4B

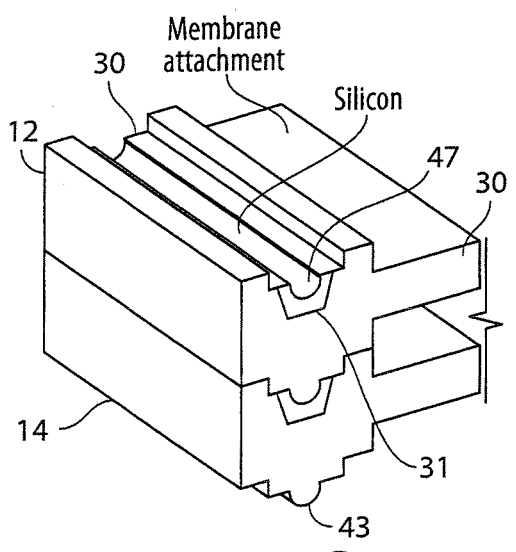


Fig. 4C

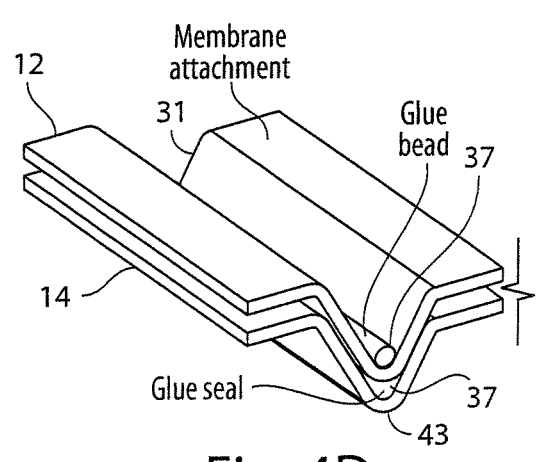


Fig. 4D

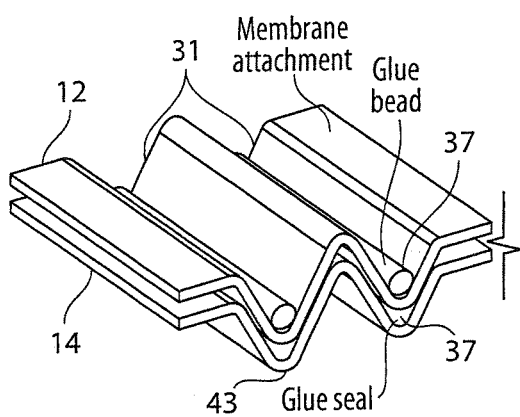


Fig. 4E

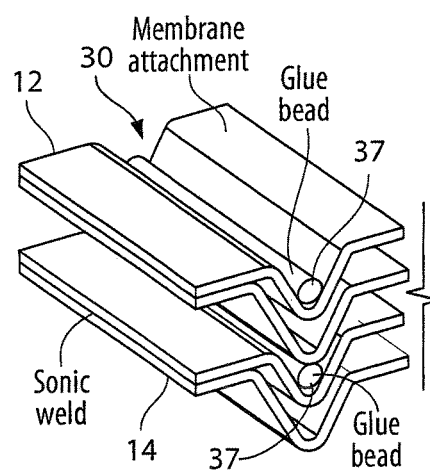


Fig. 4F

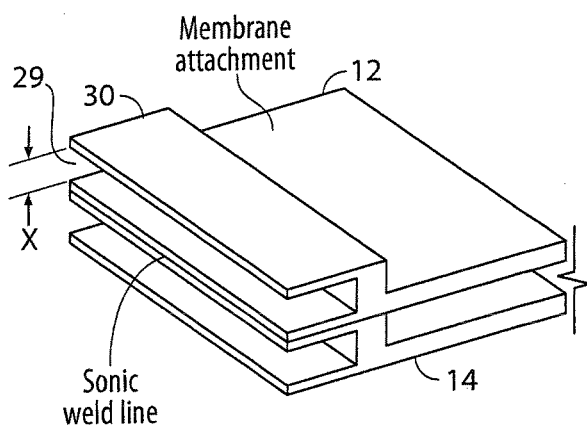


Fig. 4G

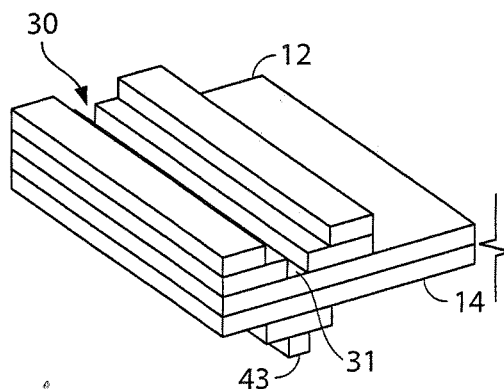


Fig. 4H

12/30

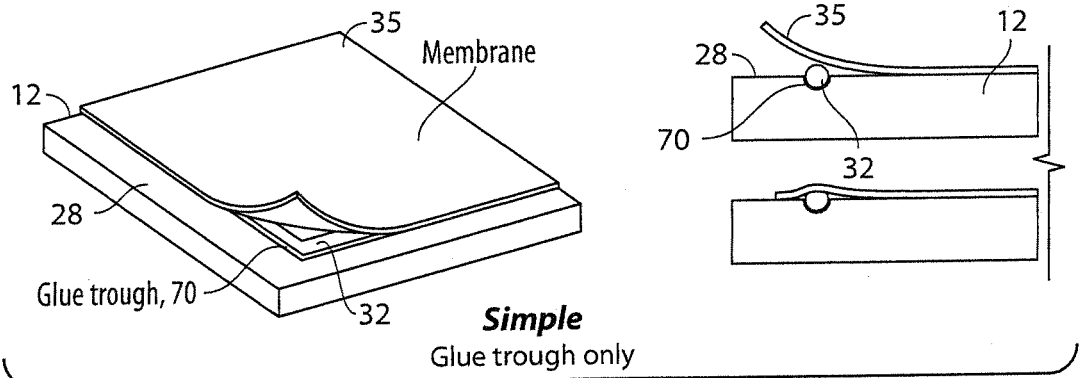


Fig. 4I

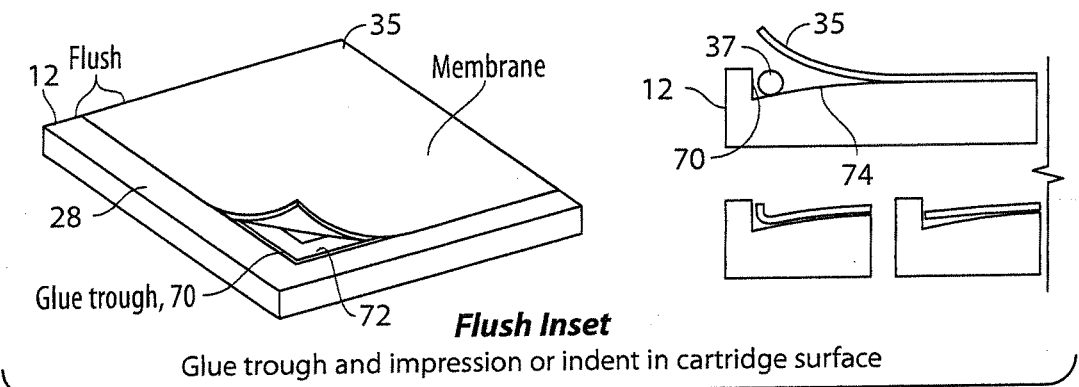


Fig. 4J

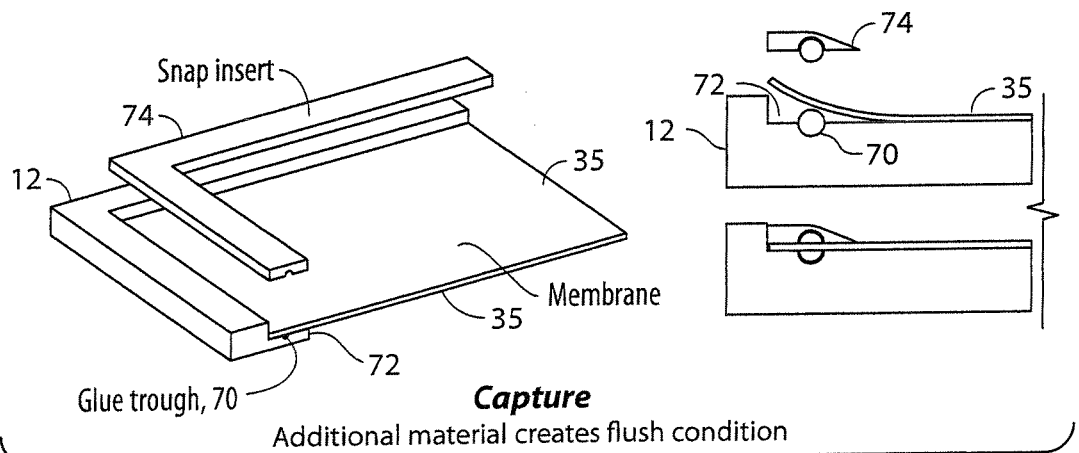


Fig. 4K

One membrane per cartridge:

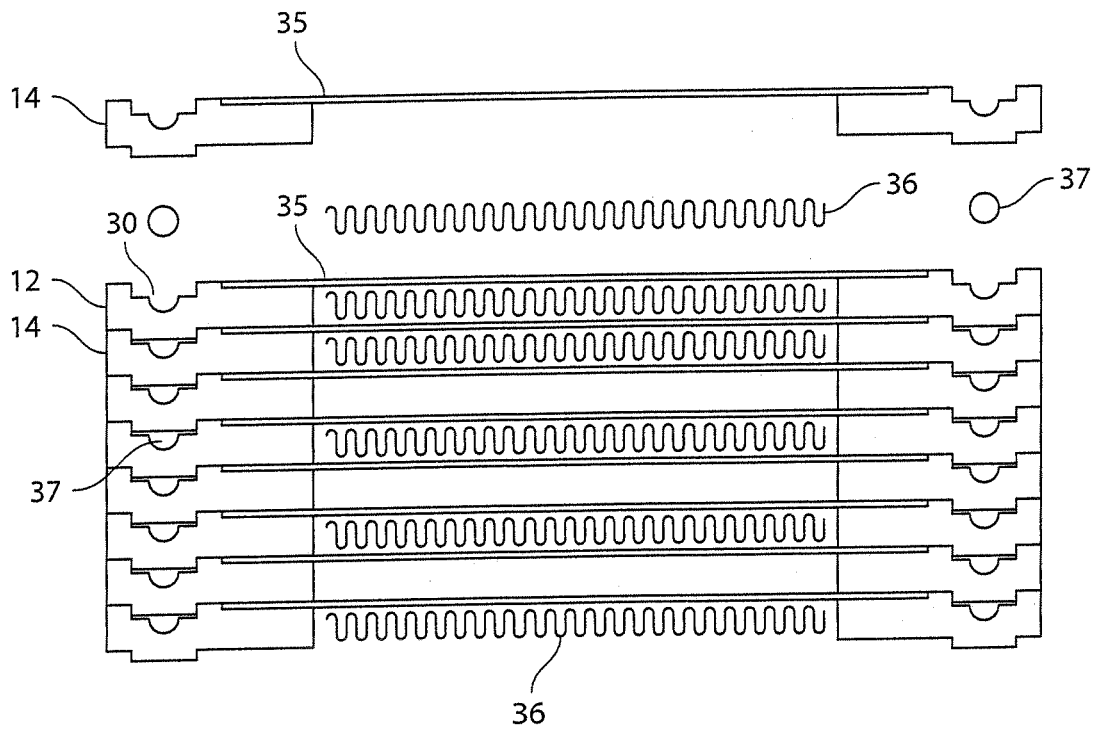


Fig. 4L

Two membranes per cartridge:

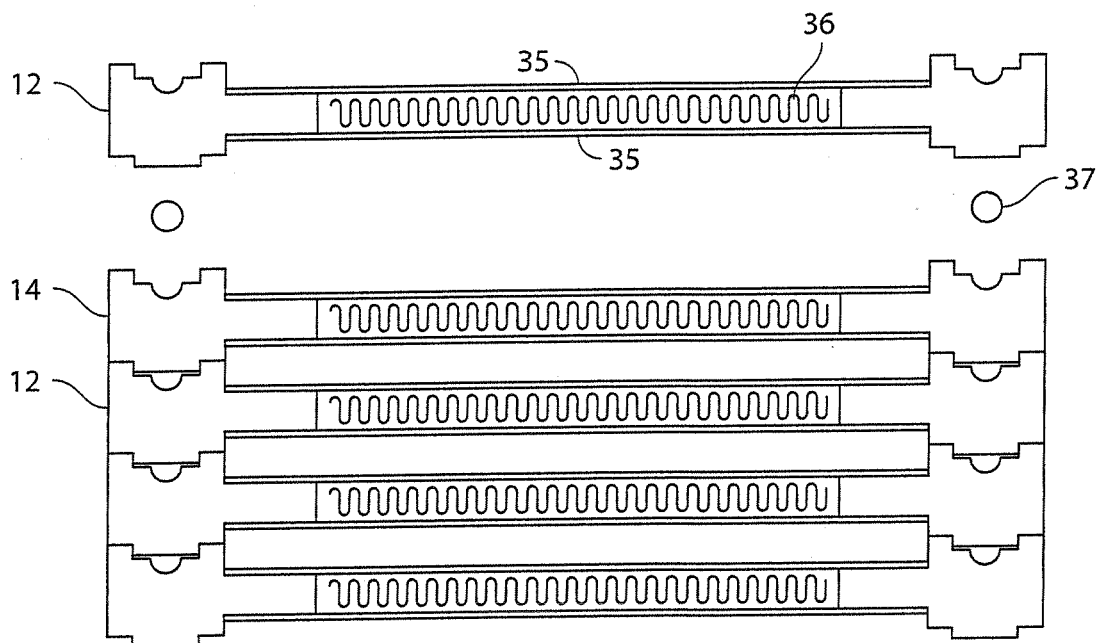


Fig. 4M

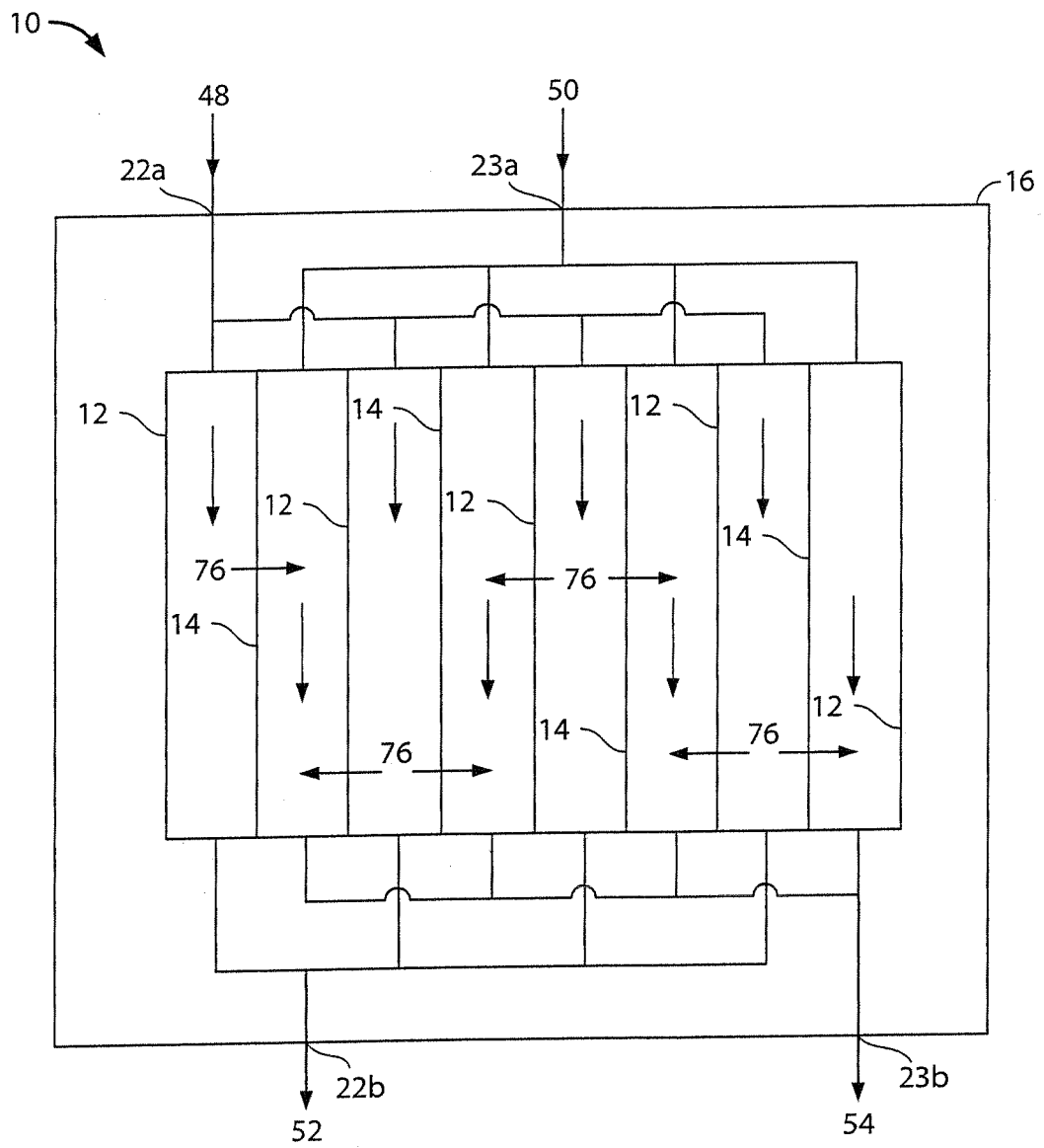


Fig. 5

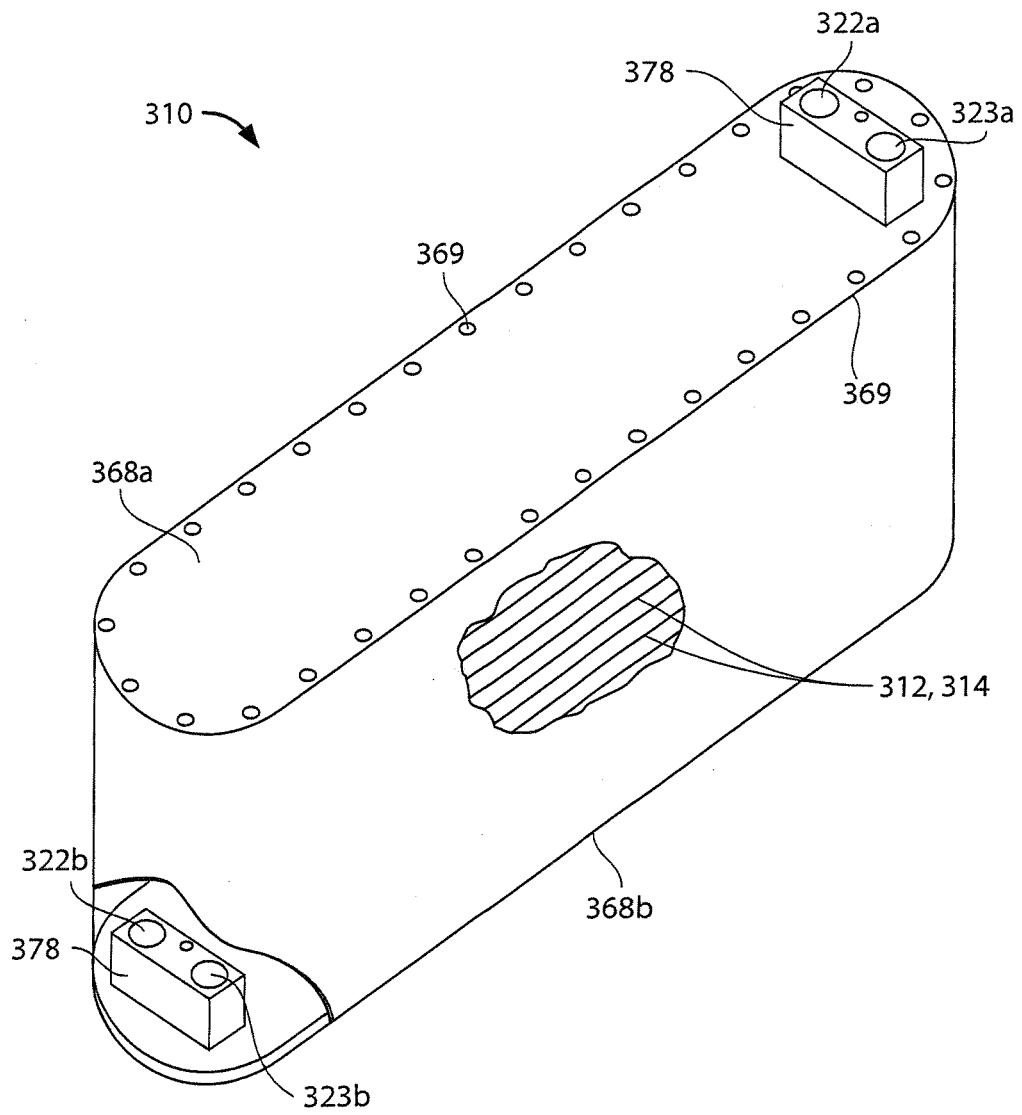


Fig. 6A

Top-Loading (surface to surface connection):

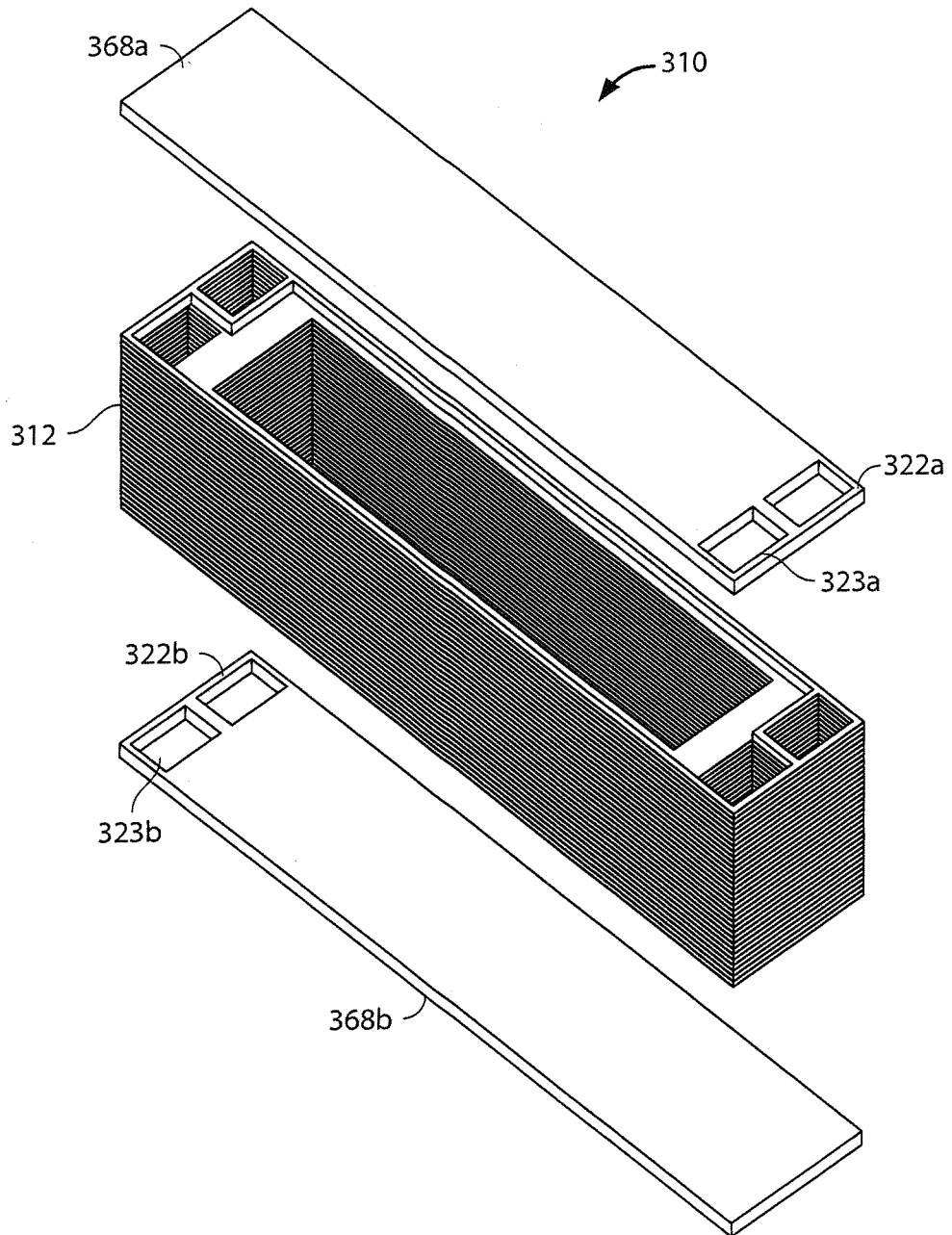


Fig. 6B

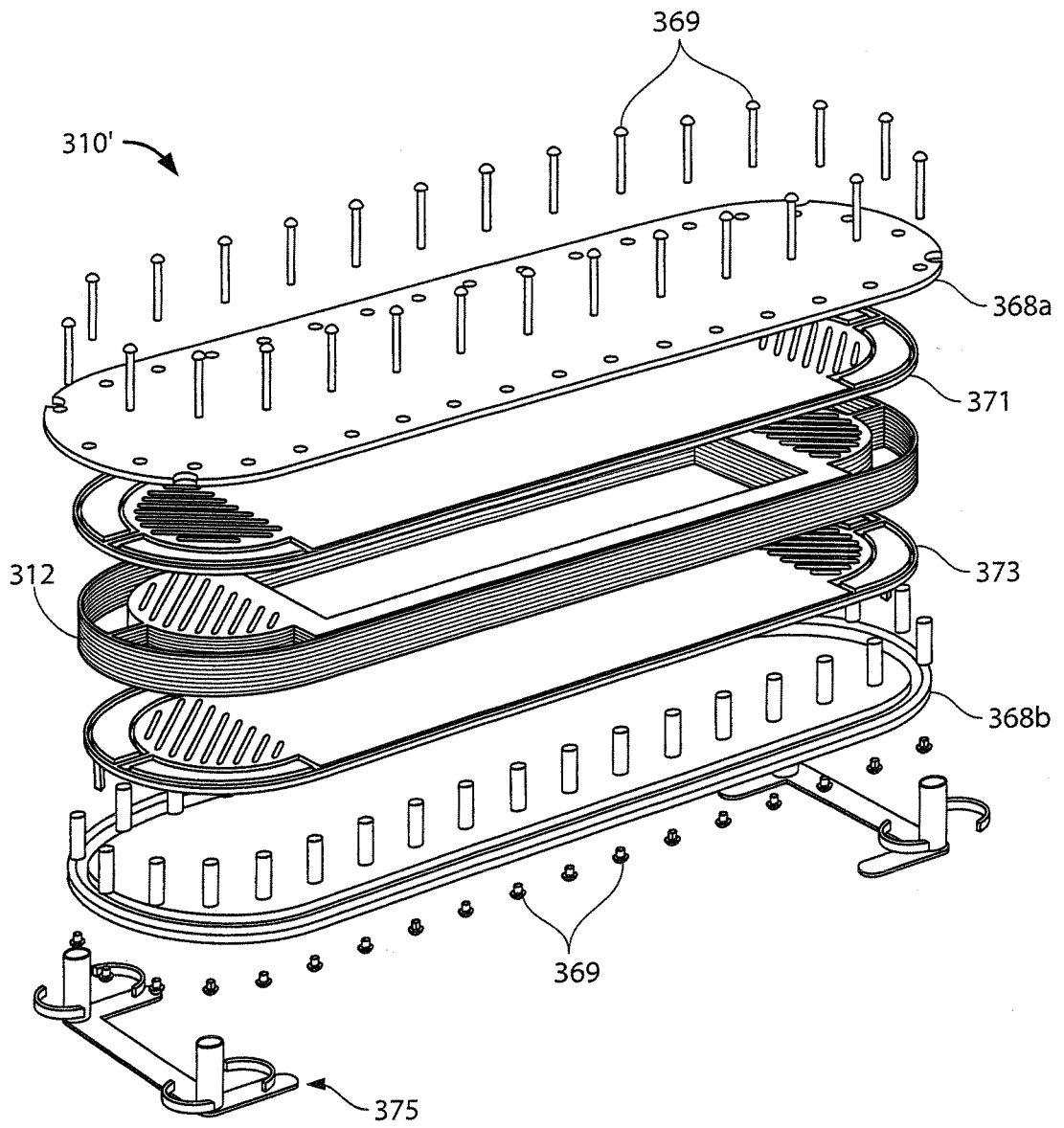


Fig. 6C

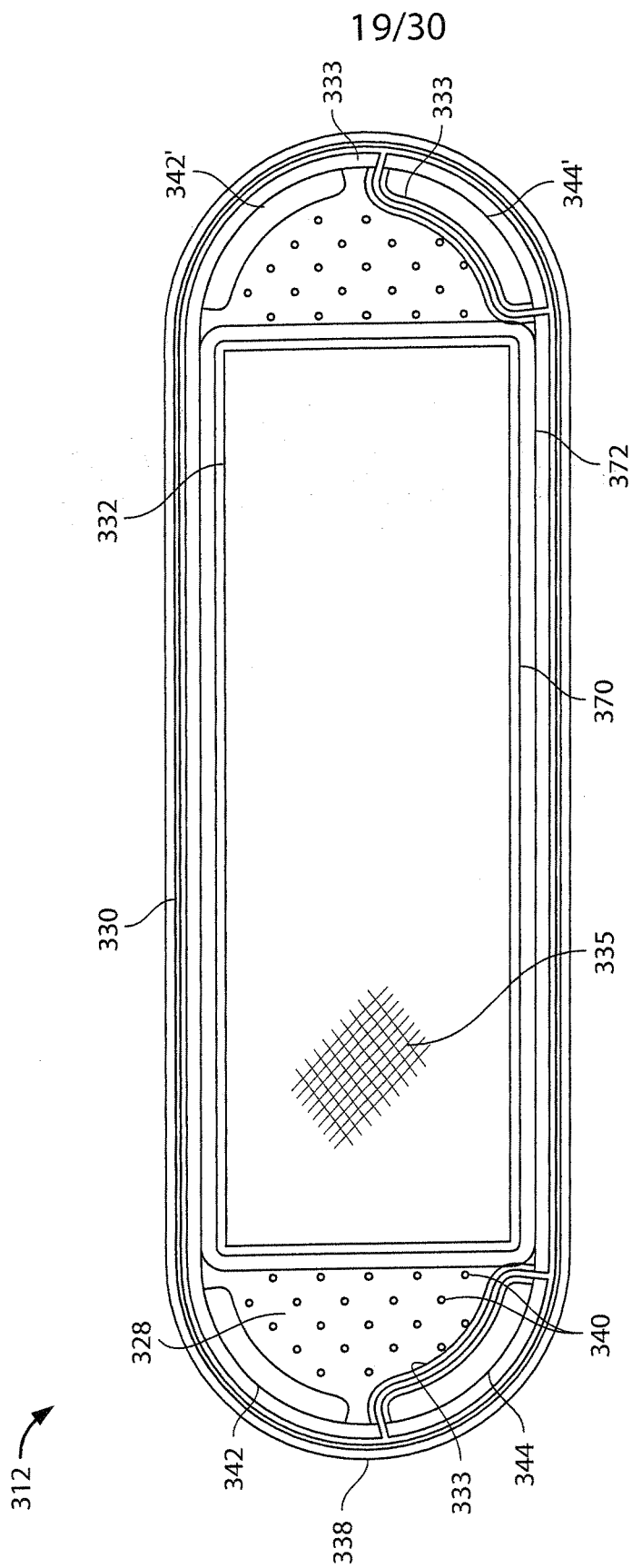
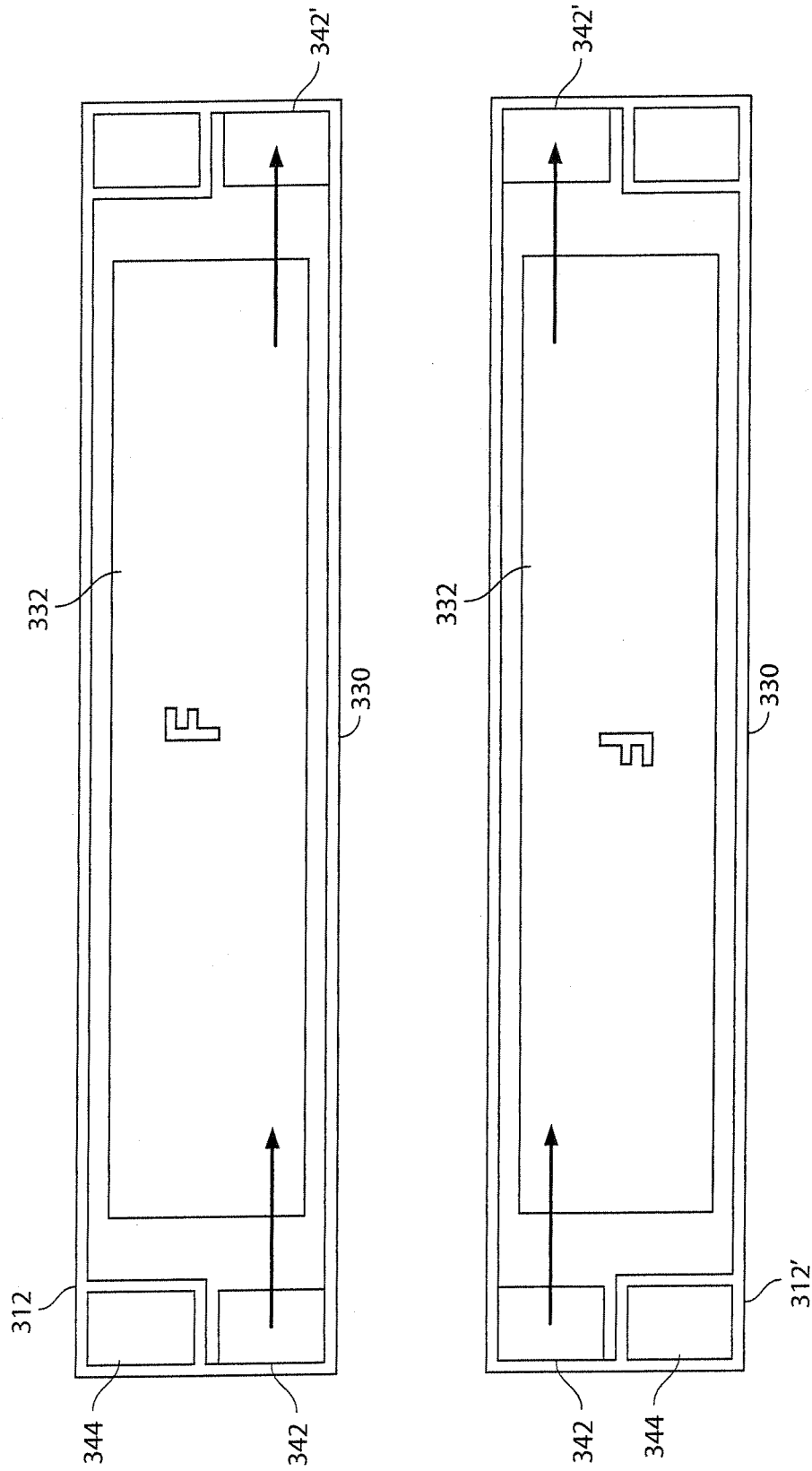


Fig. 7A



One Cartridge (F) Rotated 180 Degrees:

FIG. 7B

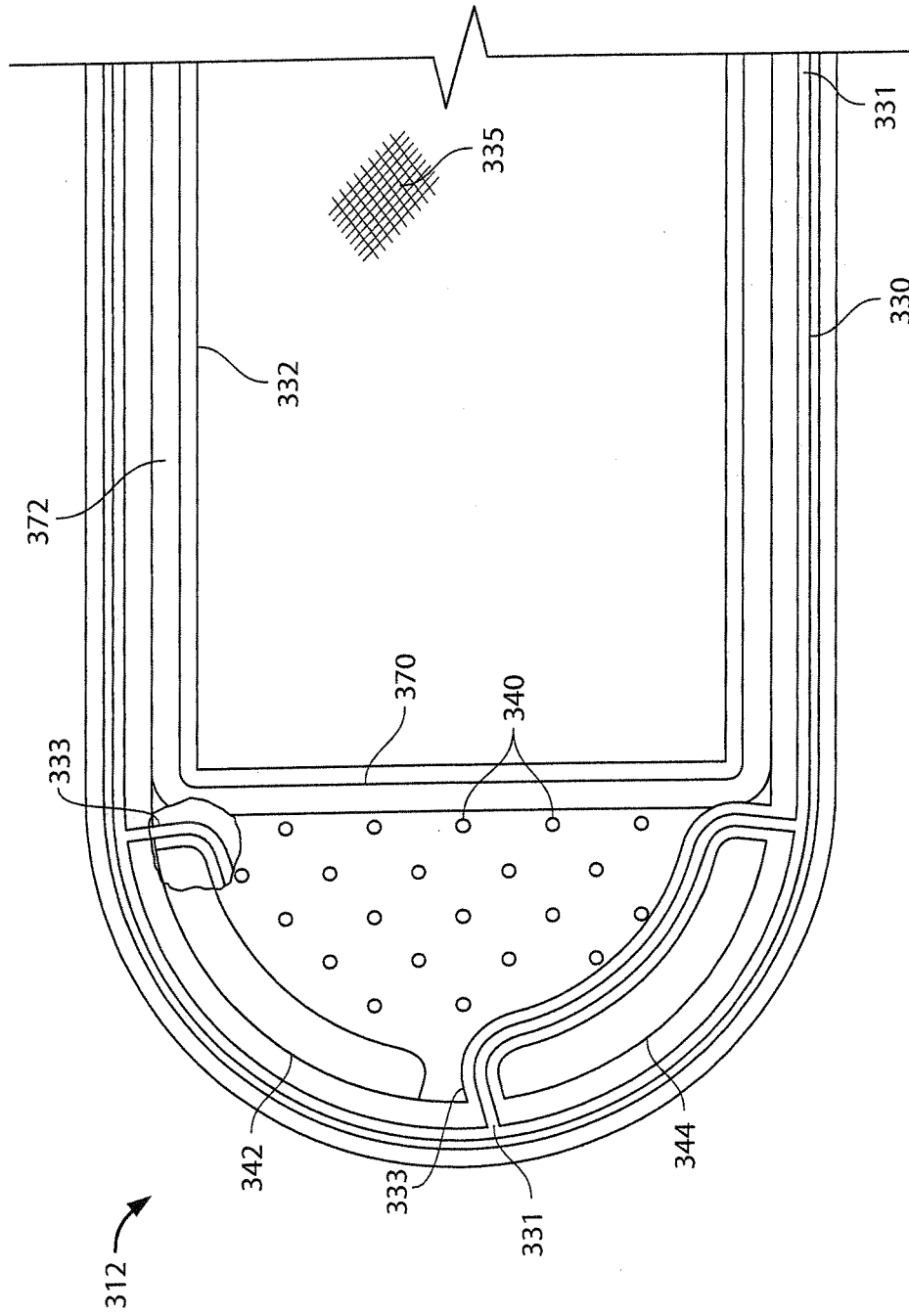


Fig. 7C

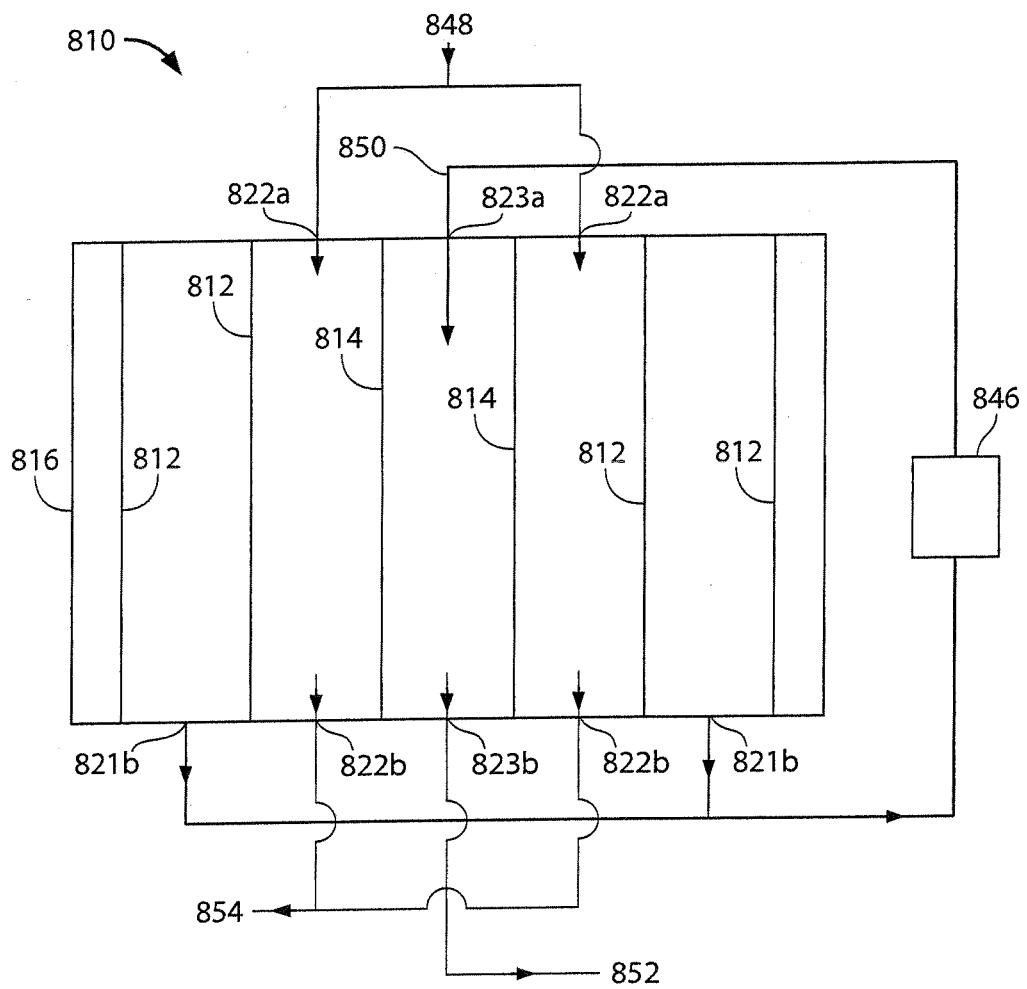


Fig. 8

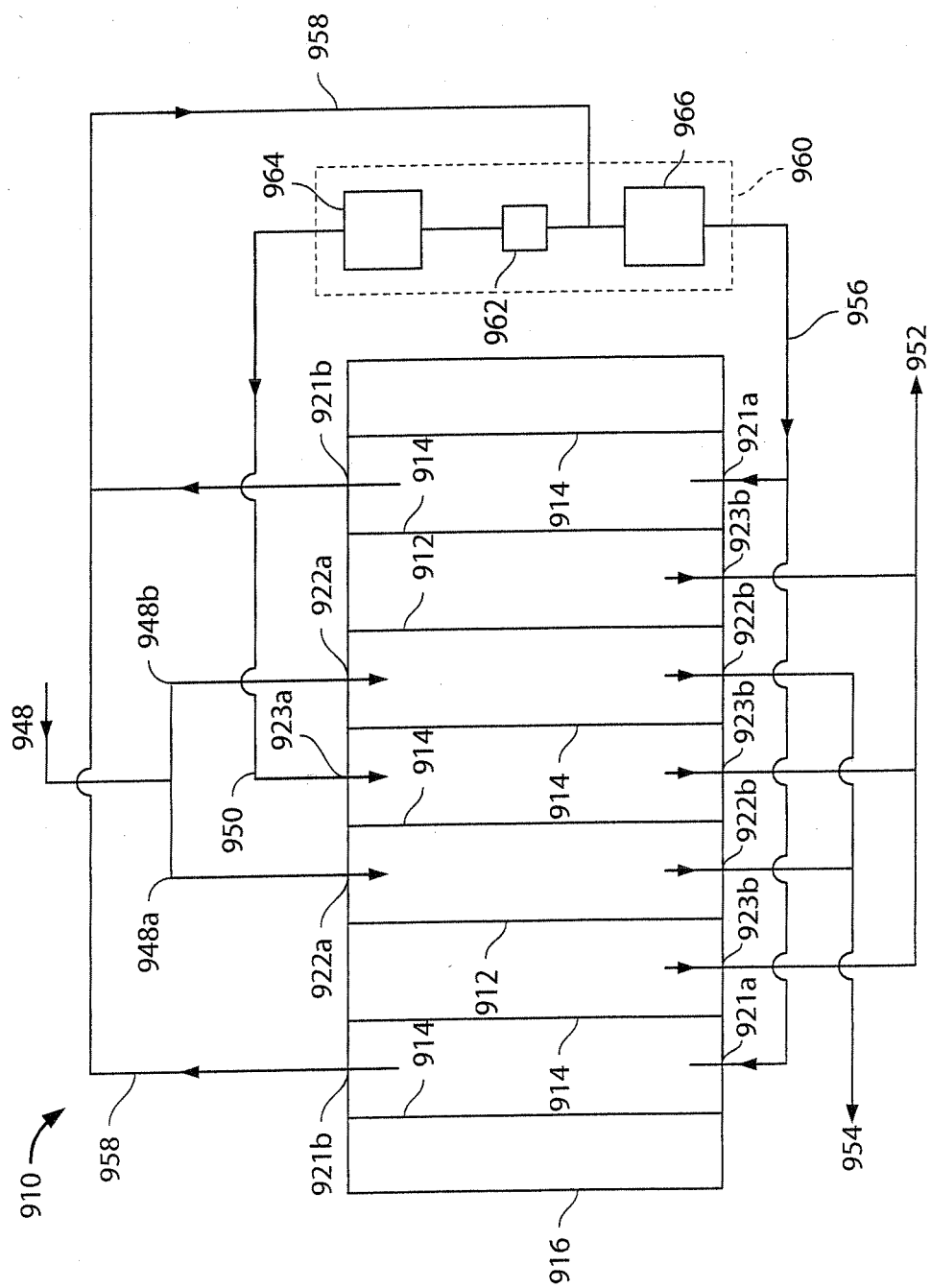


Fig. 9

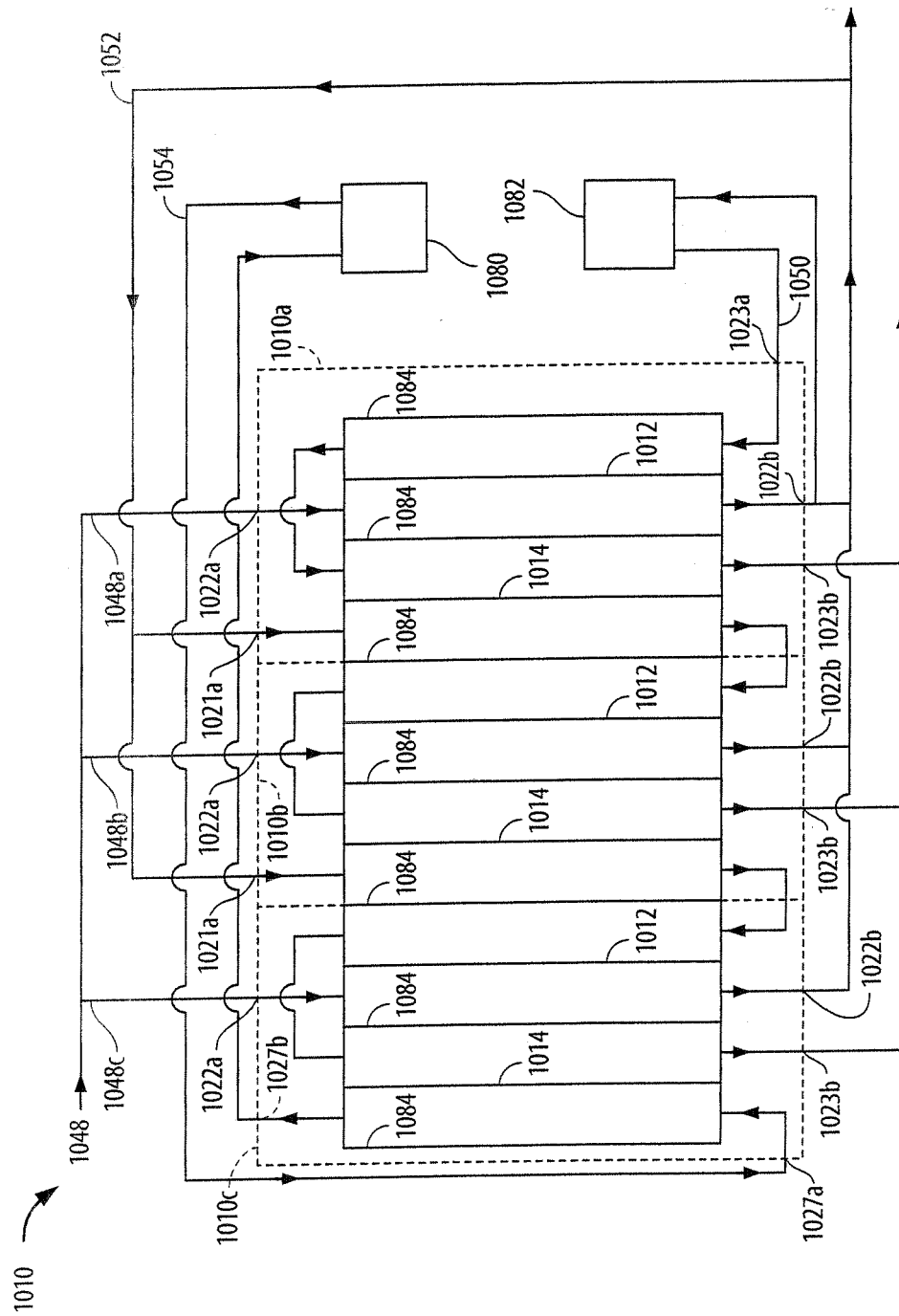


Fig. 10

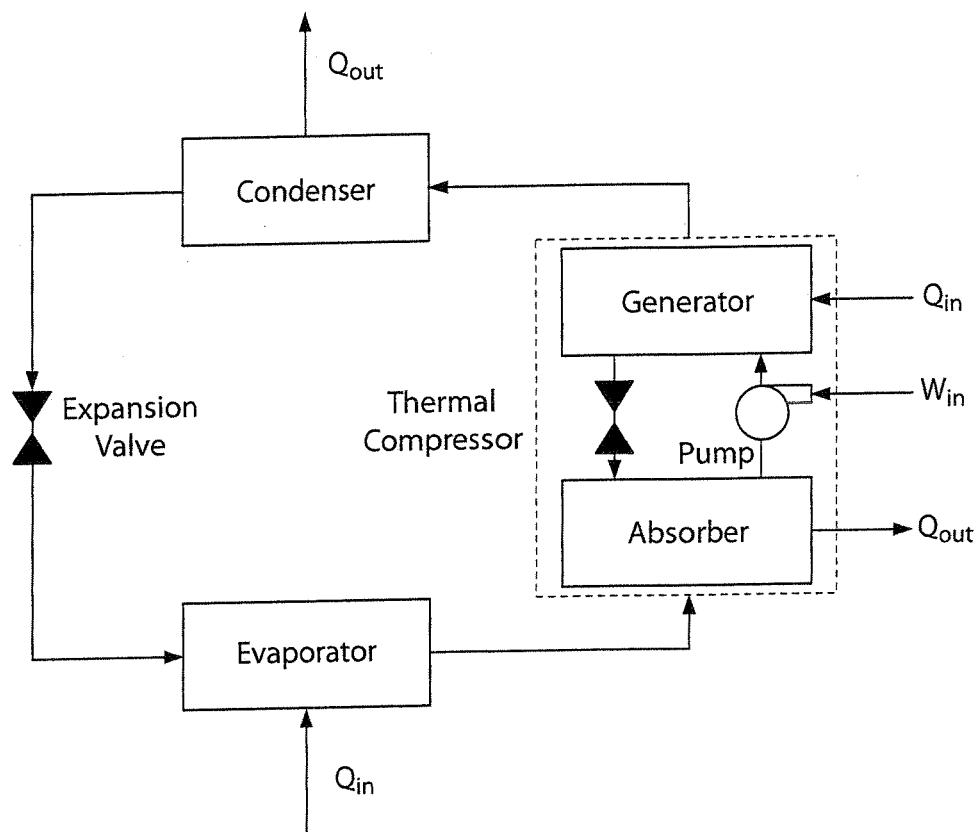


Fig. 11A

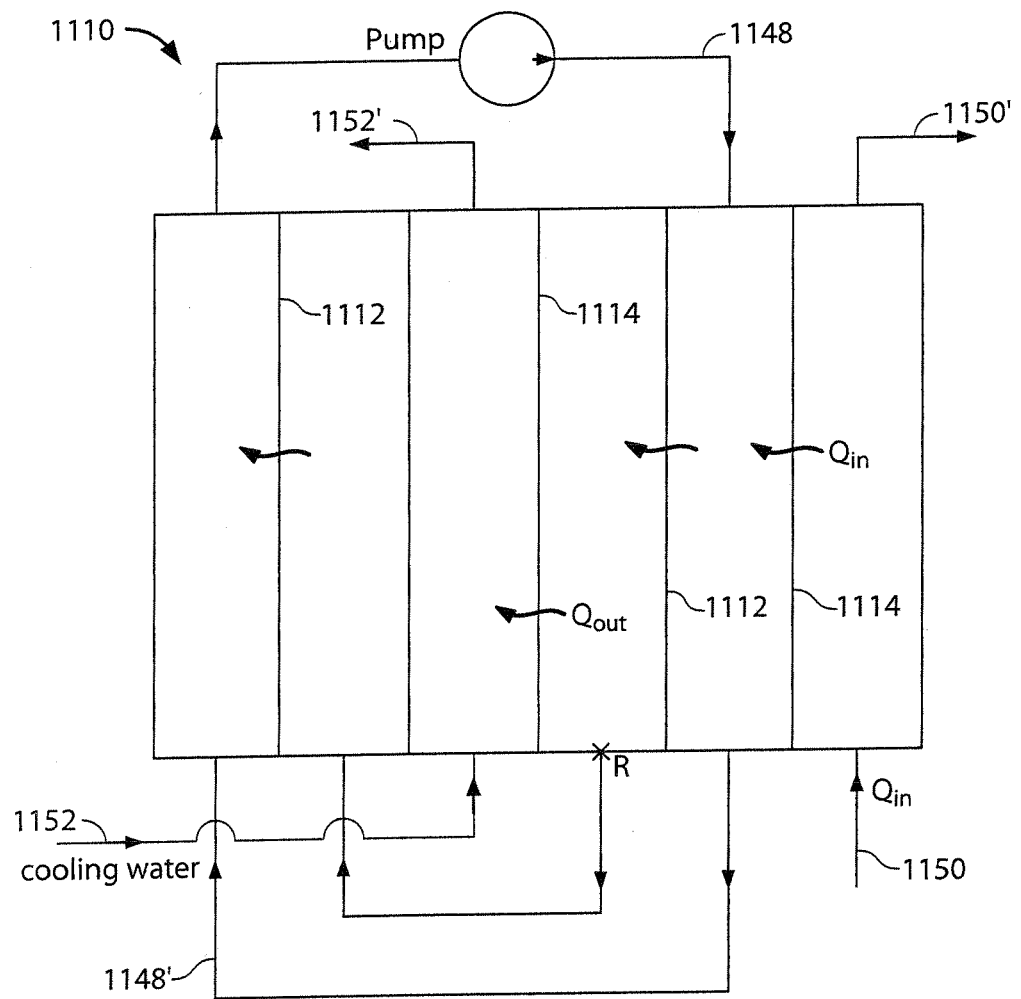
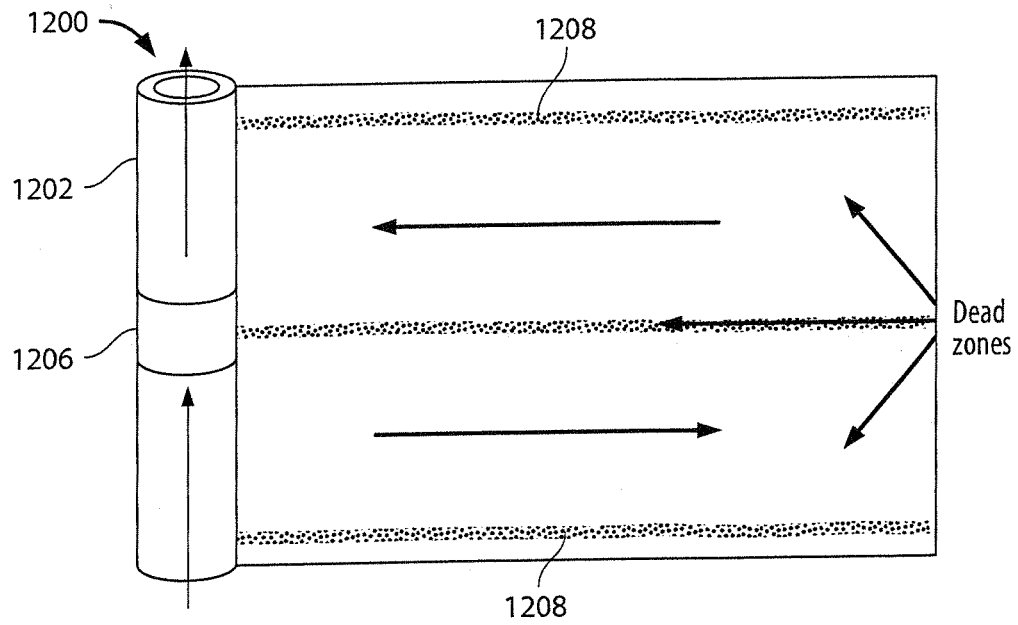


Fig. 11B



Prior Art
Fig. 12A

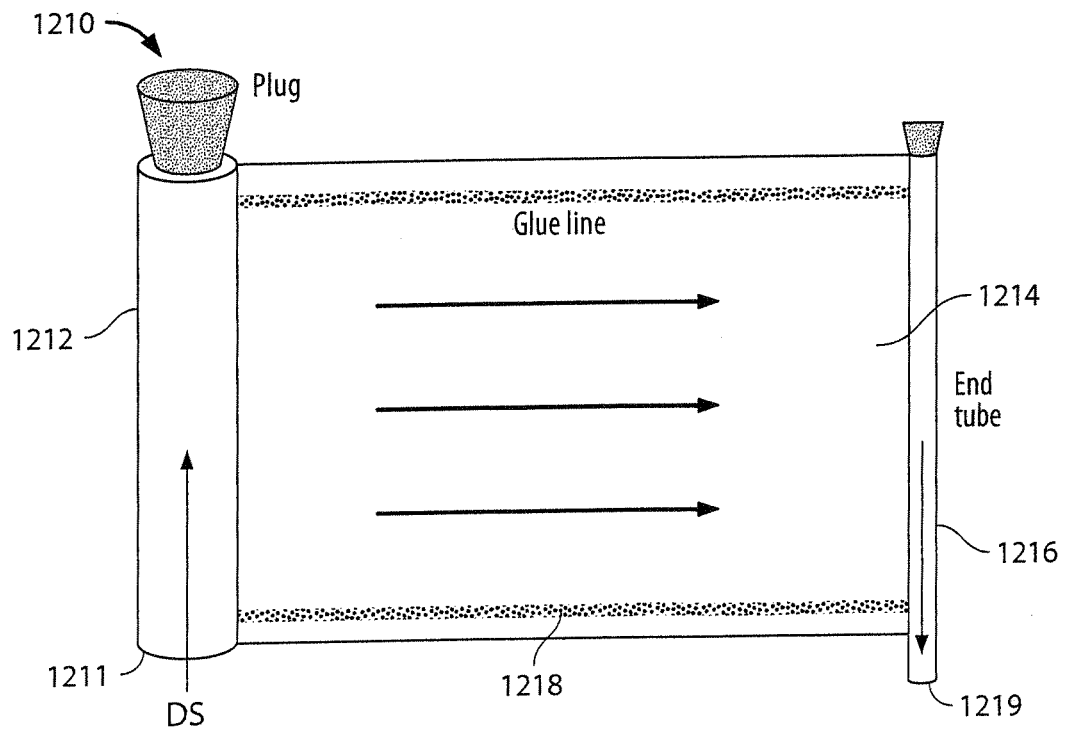


Fig. 12B

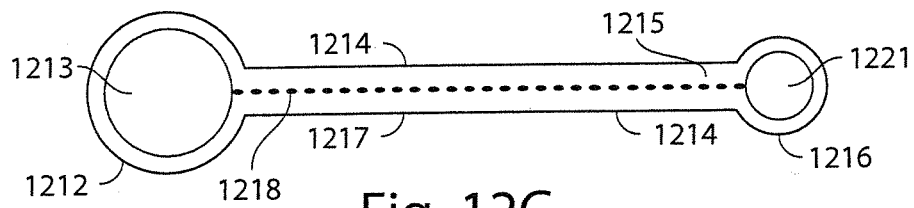


Fig. 12C

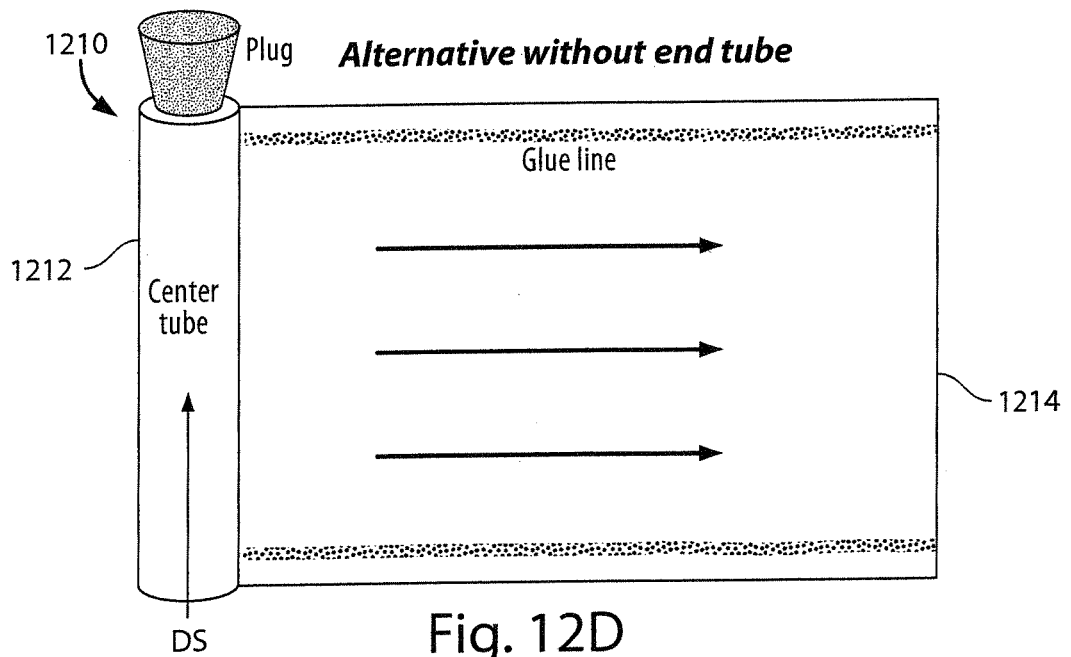


Fig. 12D

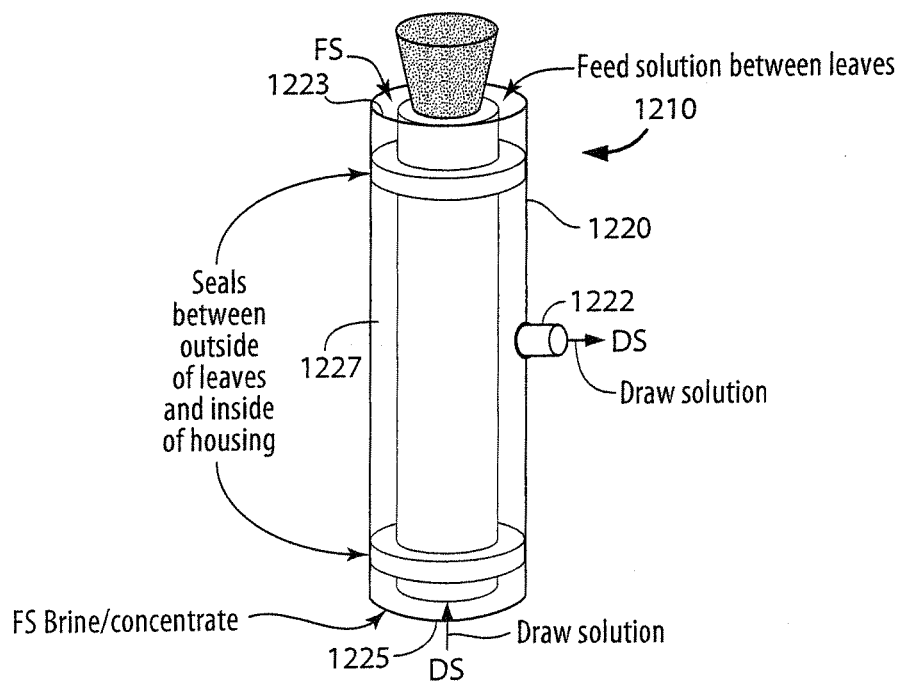


Fig. 12E

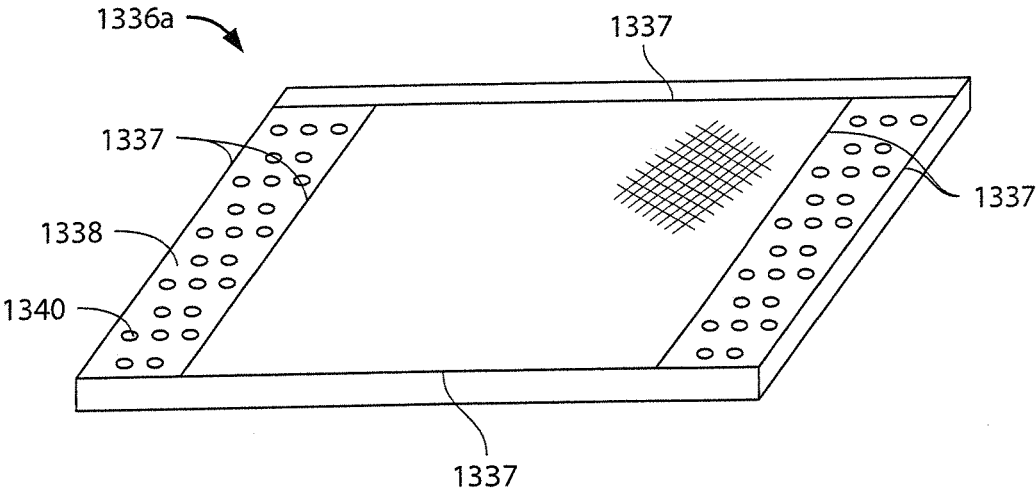


Fig. 13A

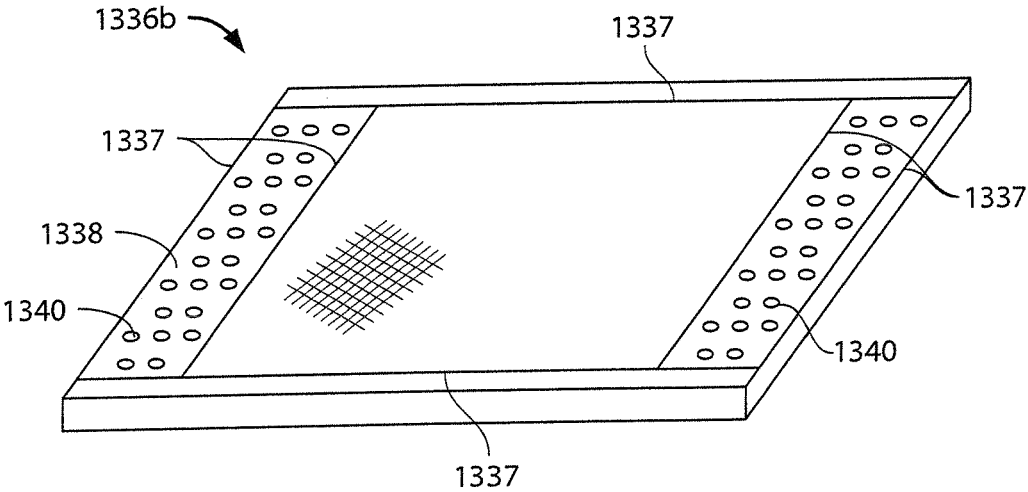


Fig. 13B

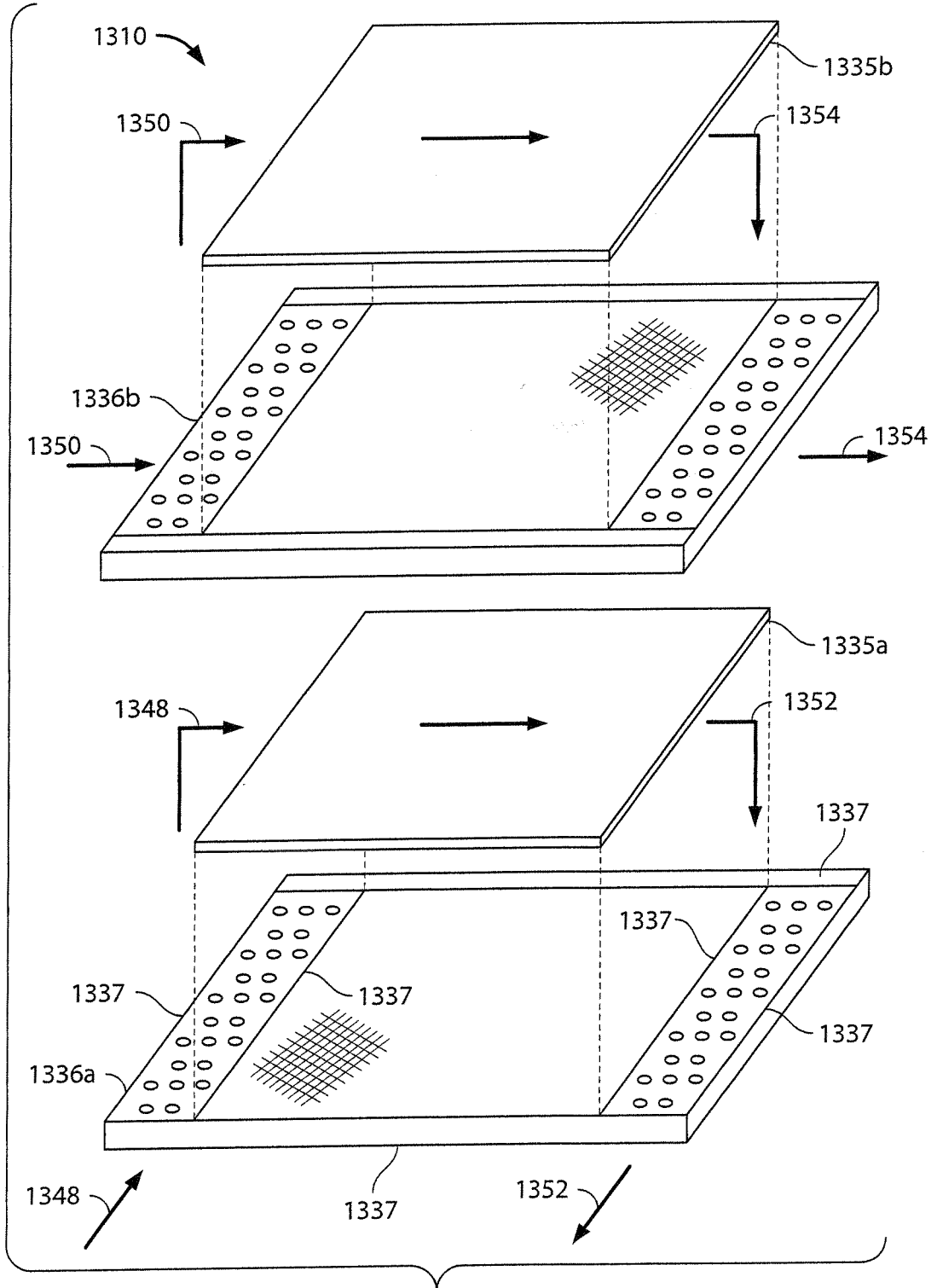


Fig. 13C

1/30

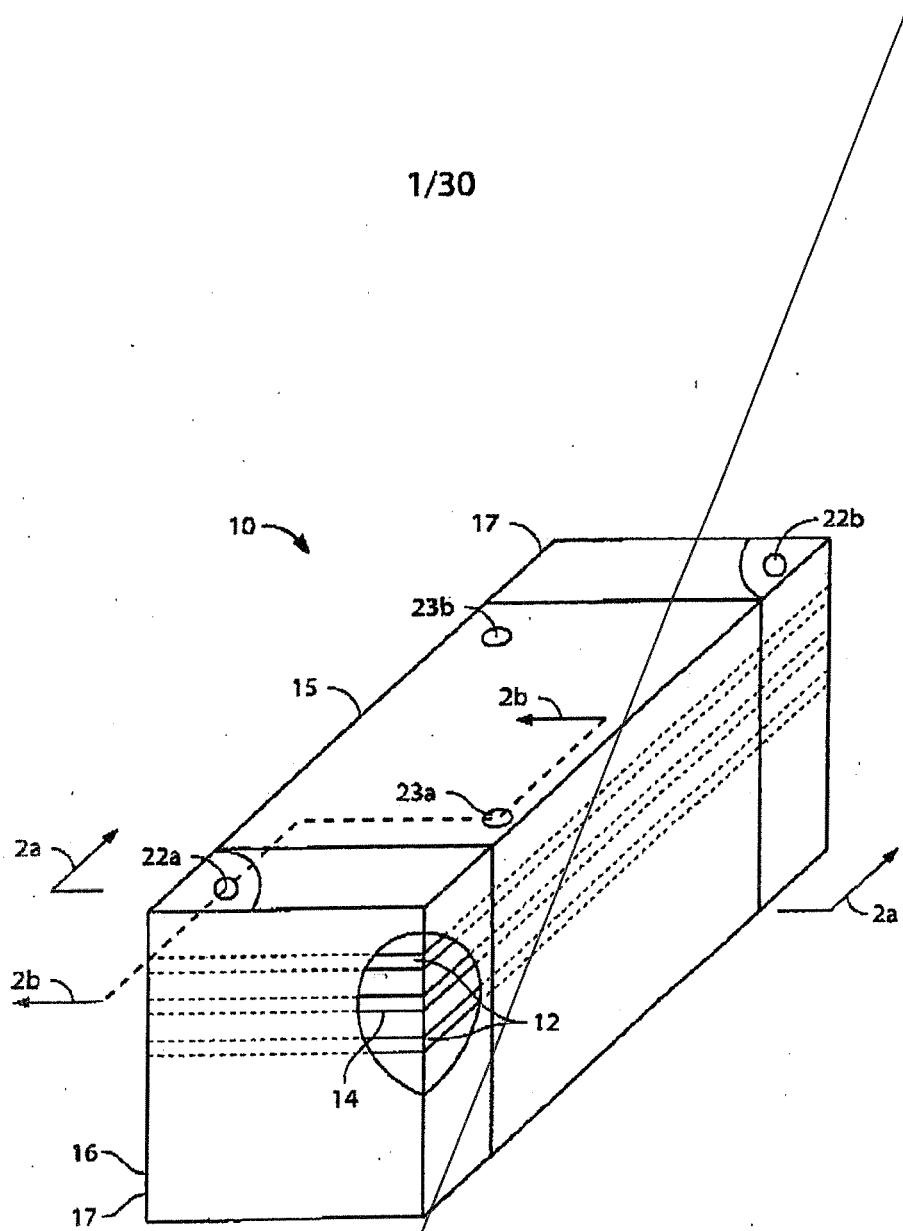
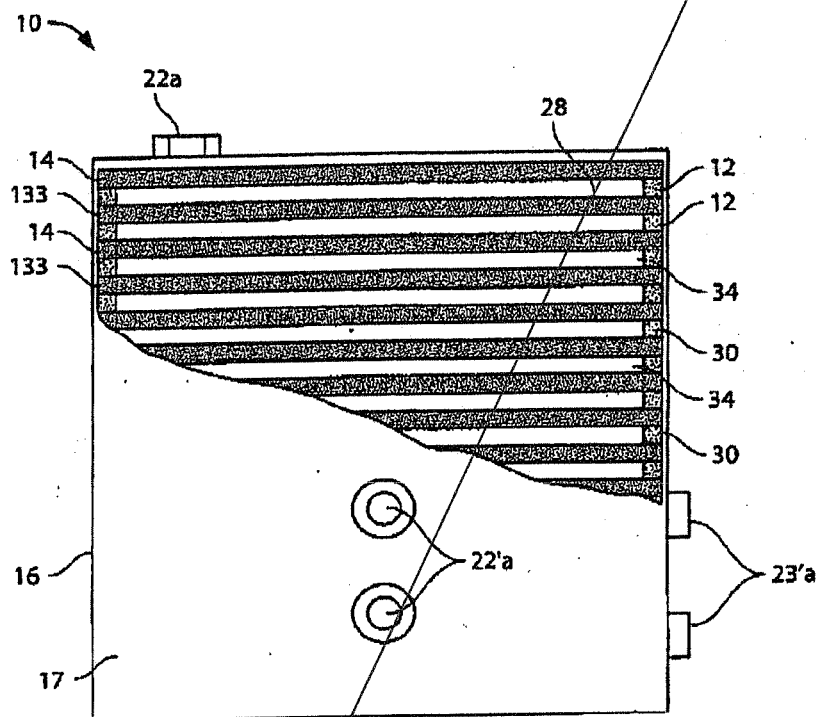


Fig. 1

2/30



3/30

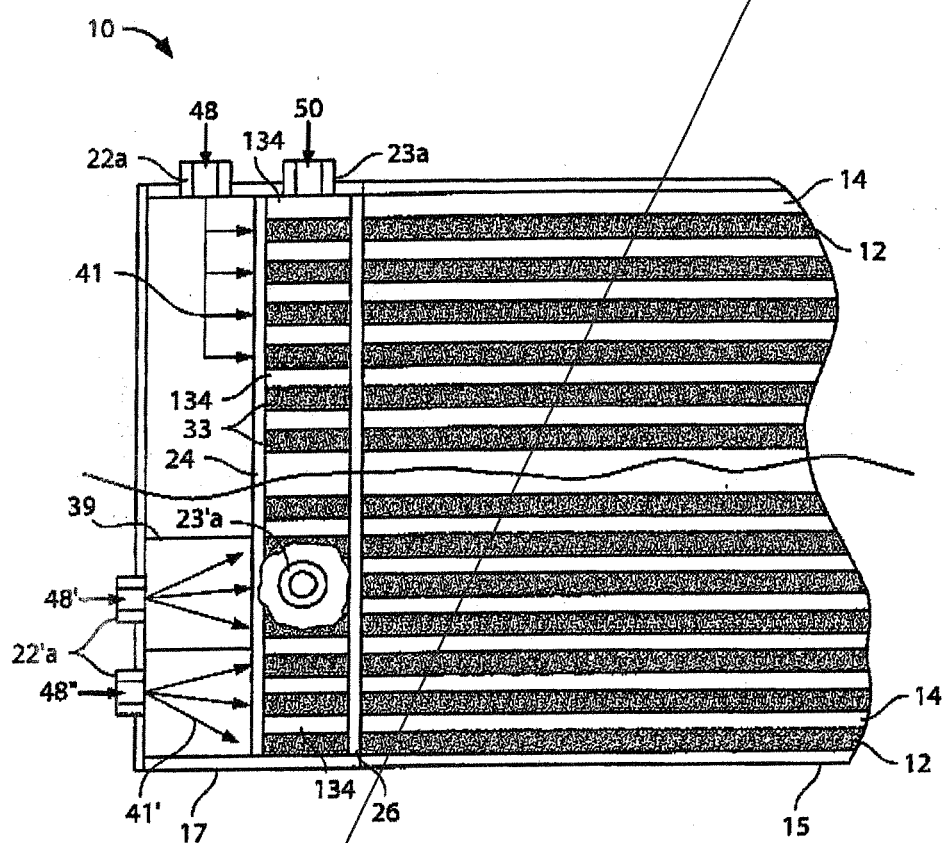
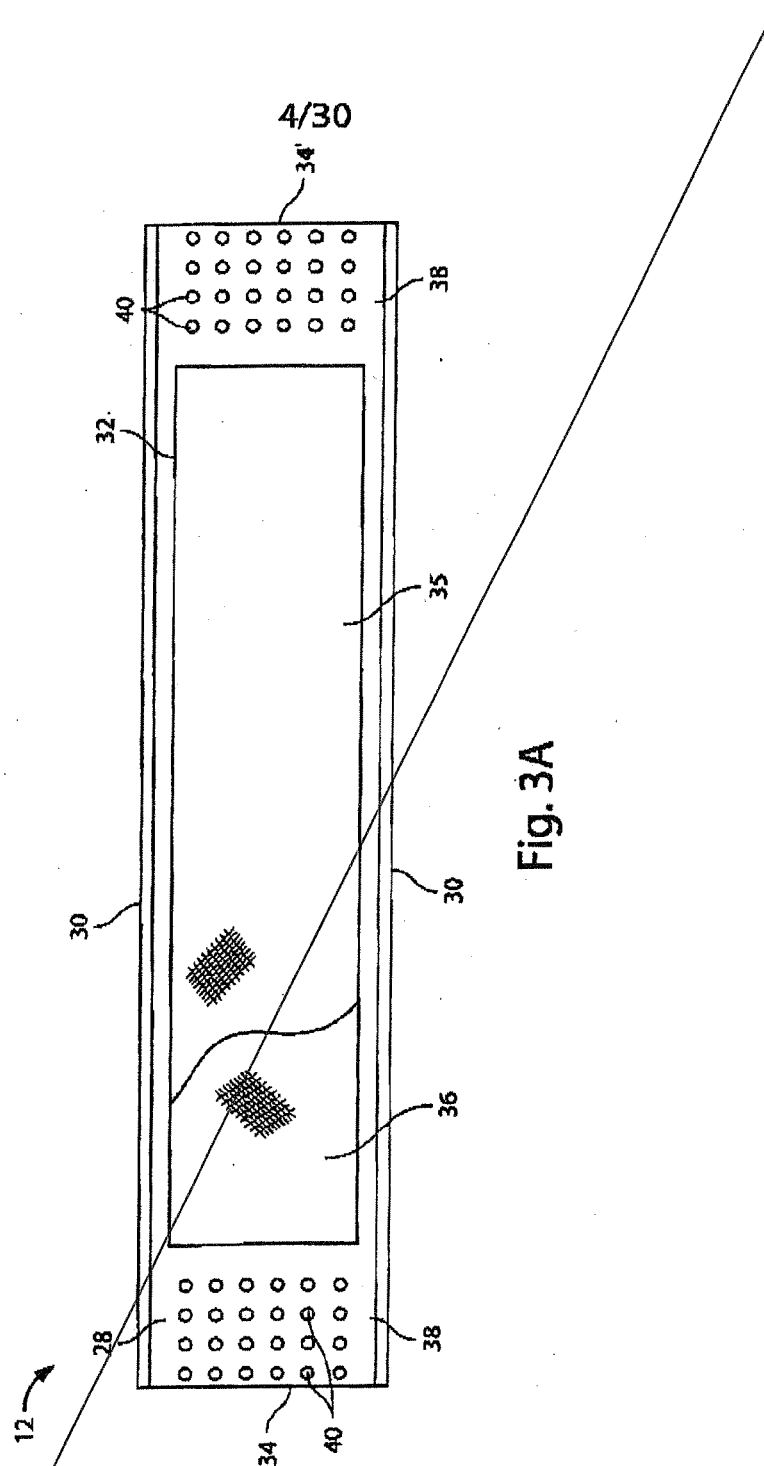


Fig. 2B



RECTIFIED SHEET (RULE 91) ISA/EP

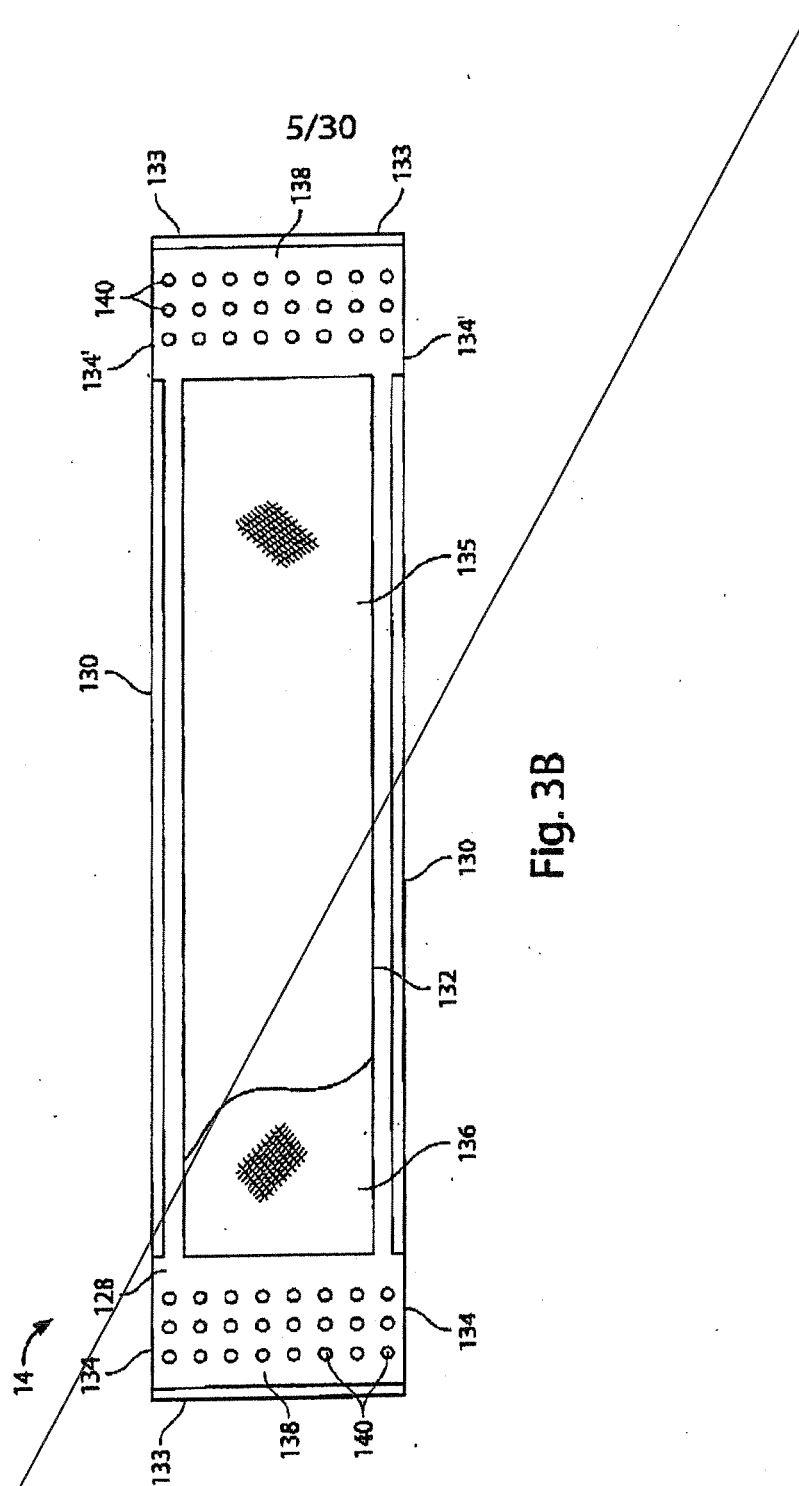


Fig. 3B

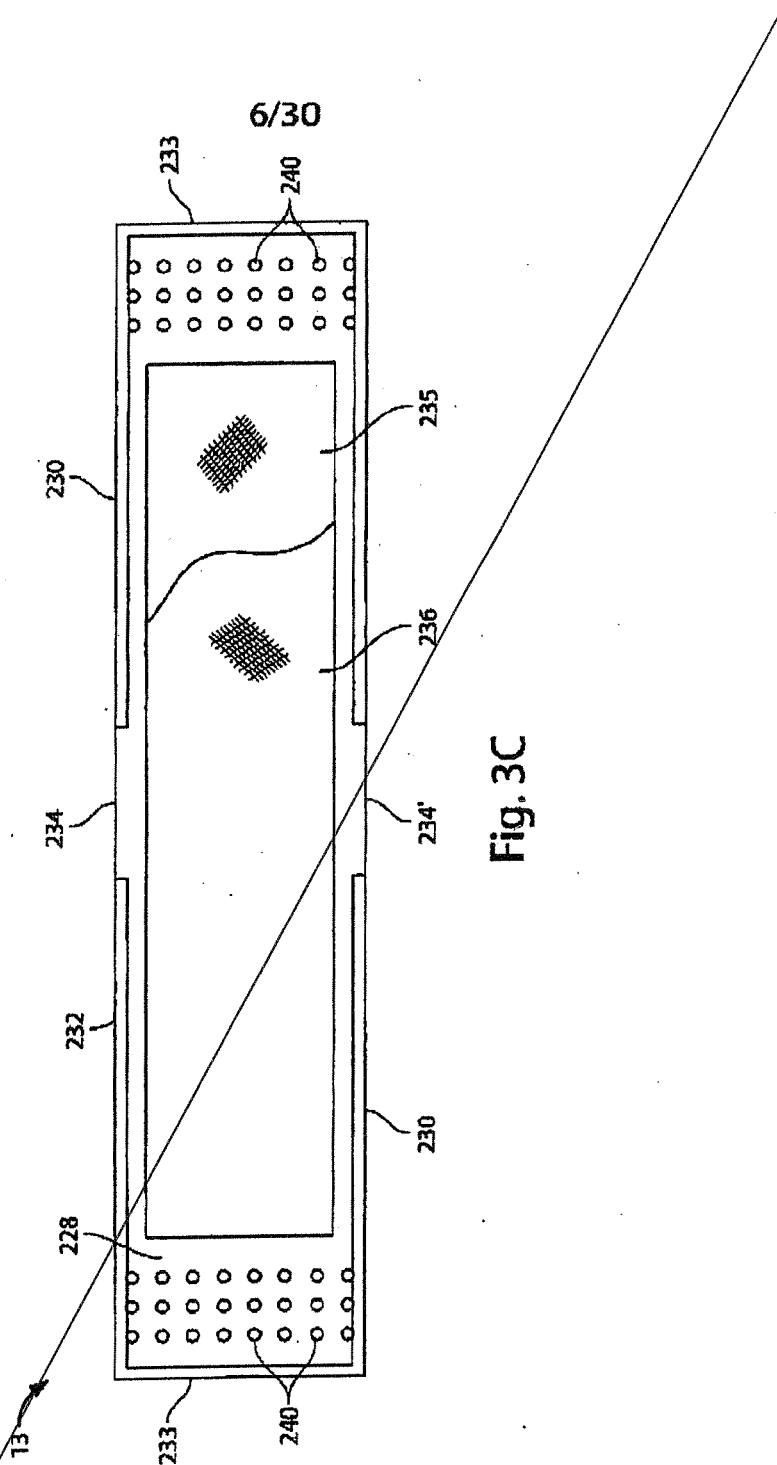


Fig. 3C

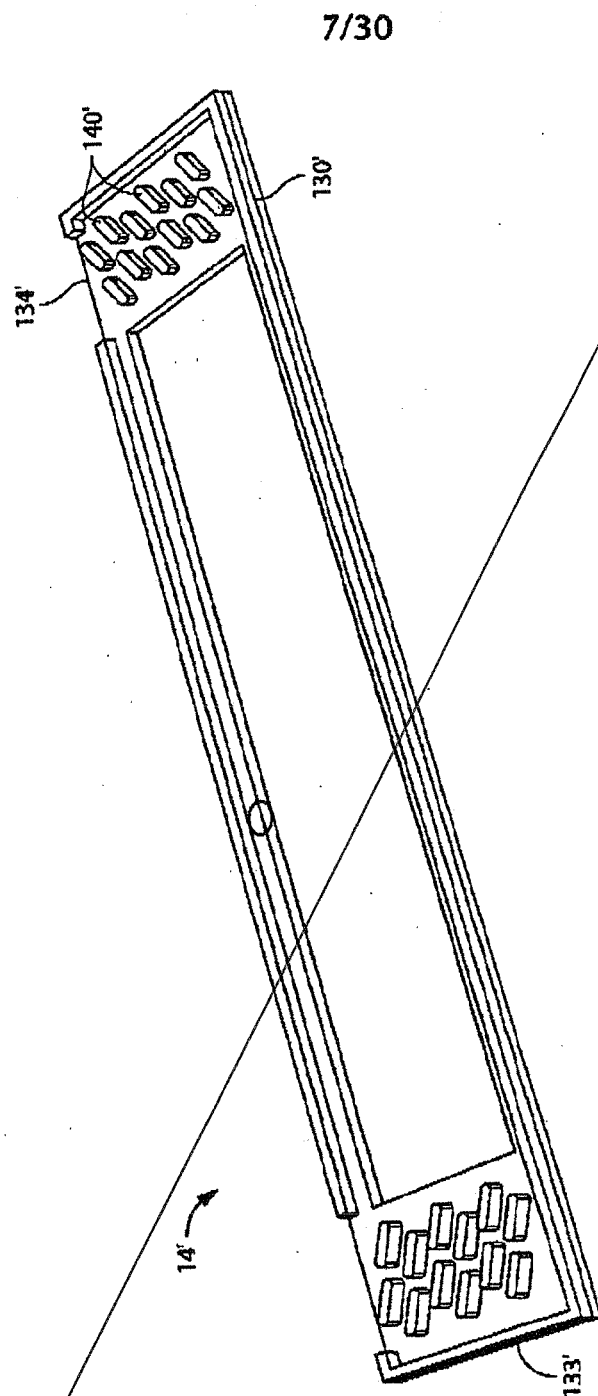


Fig. 3D

8/30

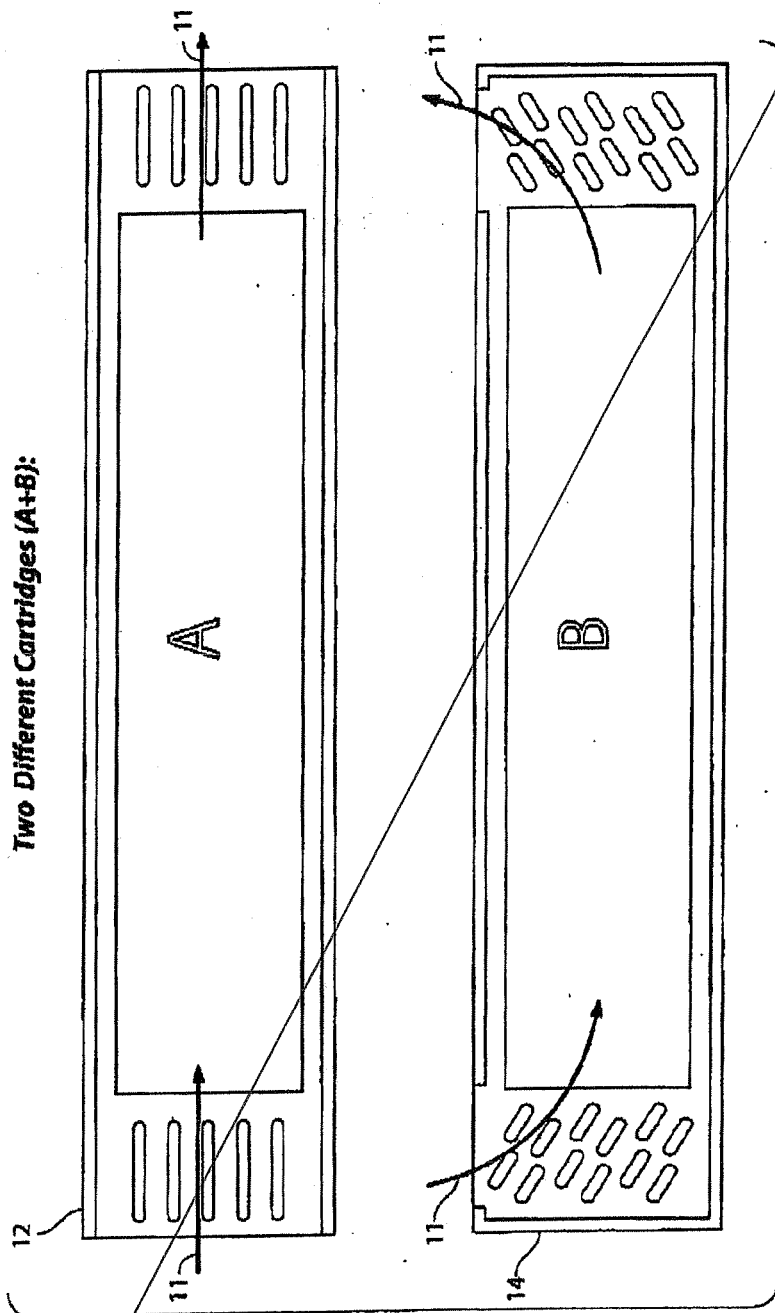


Fig. 3E

9/30

Side-Loading (surface to edge connection):

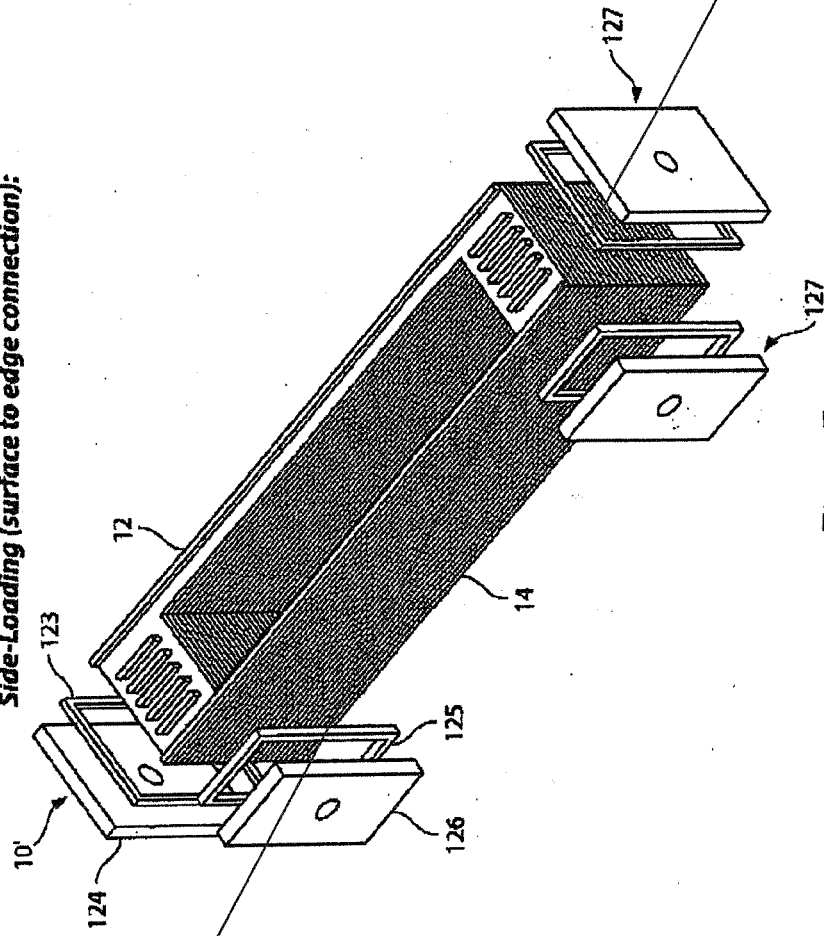
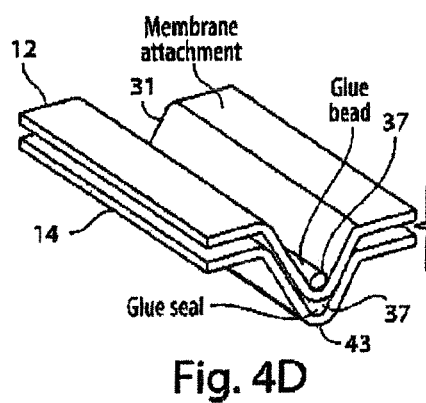
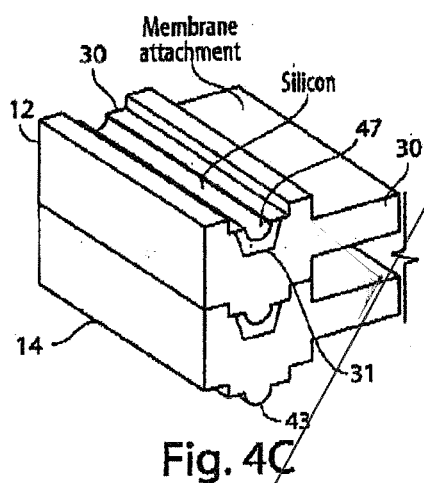
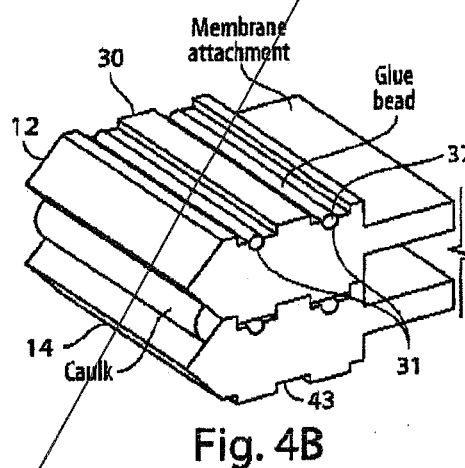
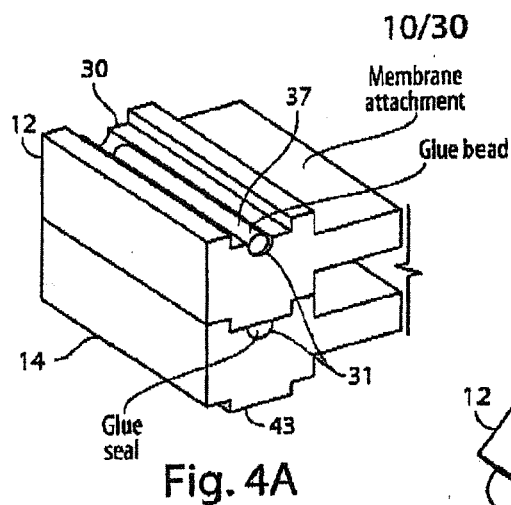


Fig. 3F



11/30

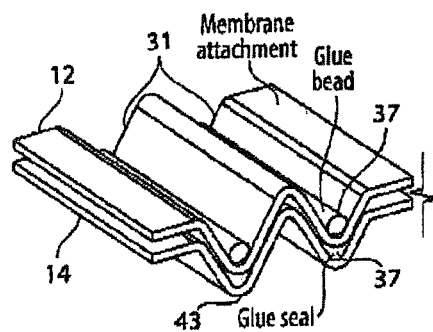


Fig. 4E

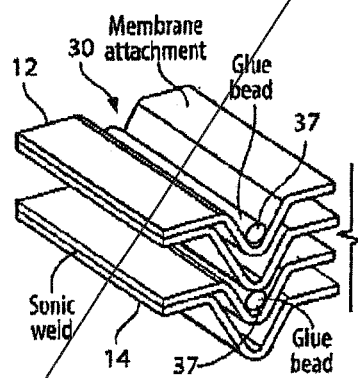


Fig. 4F

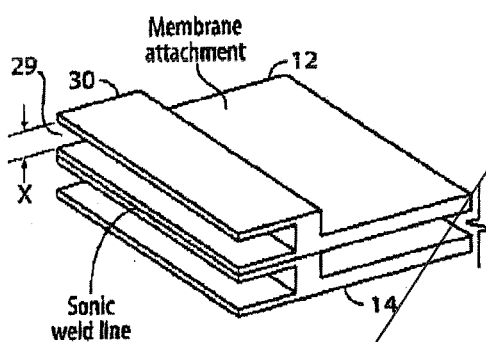


Fig. 4G

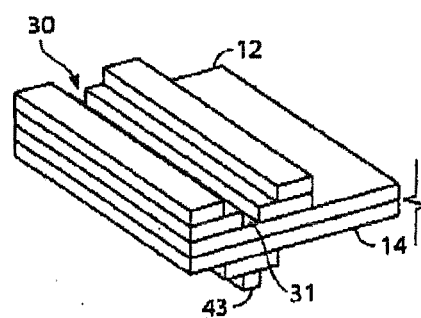


Fig. 4H

12/30

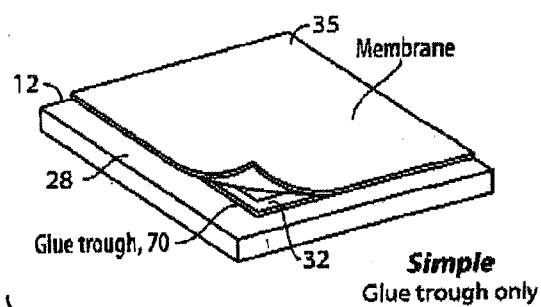


Fig. 4I

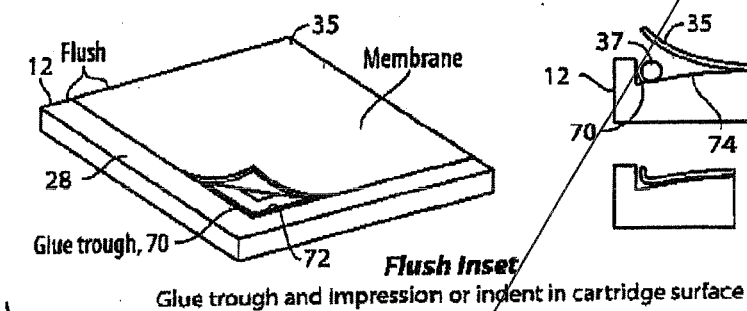


Fig. 4J

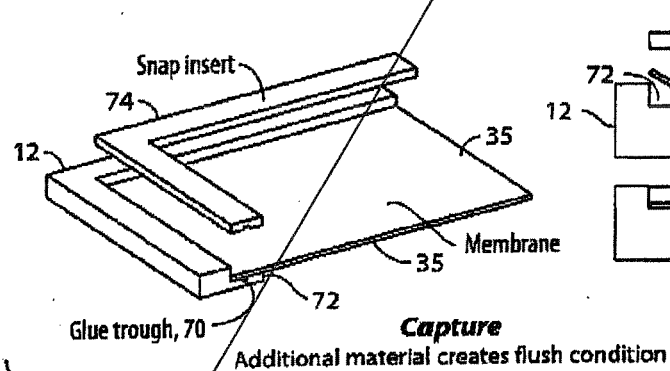


Fig. 4K

13/30

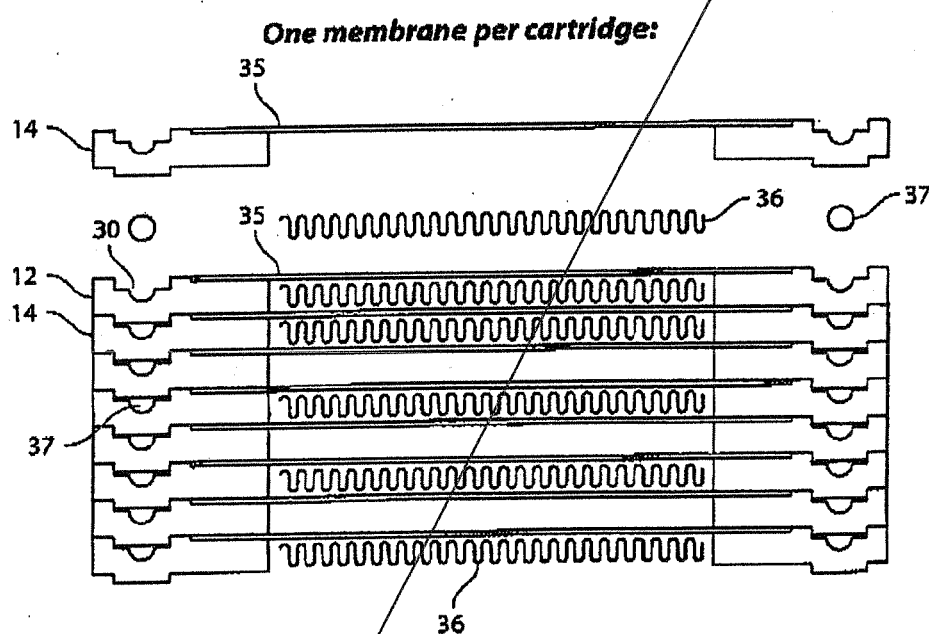


Fig. 4L

14/30

Two membranes per cartridge:

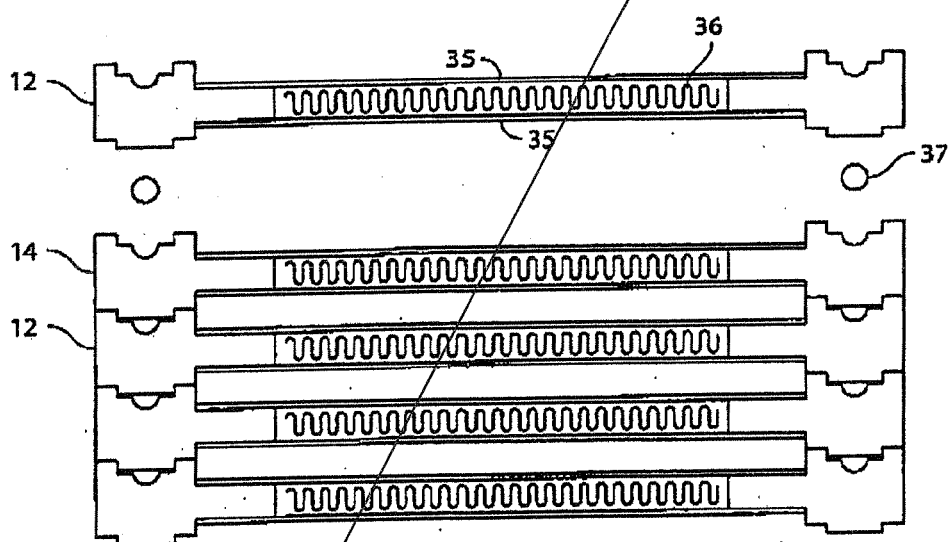


Fig. 4M

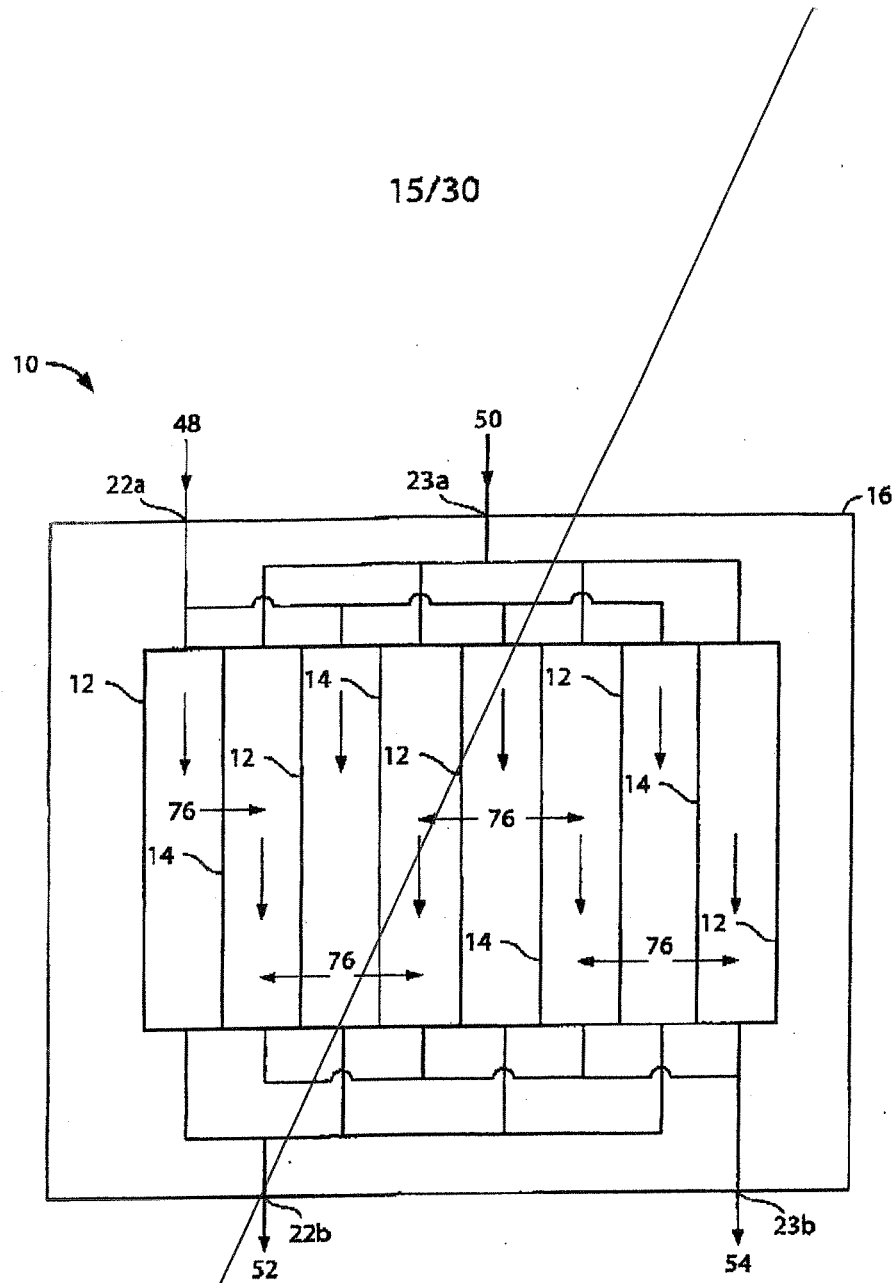


Fig. 5

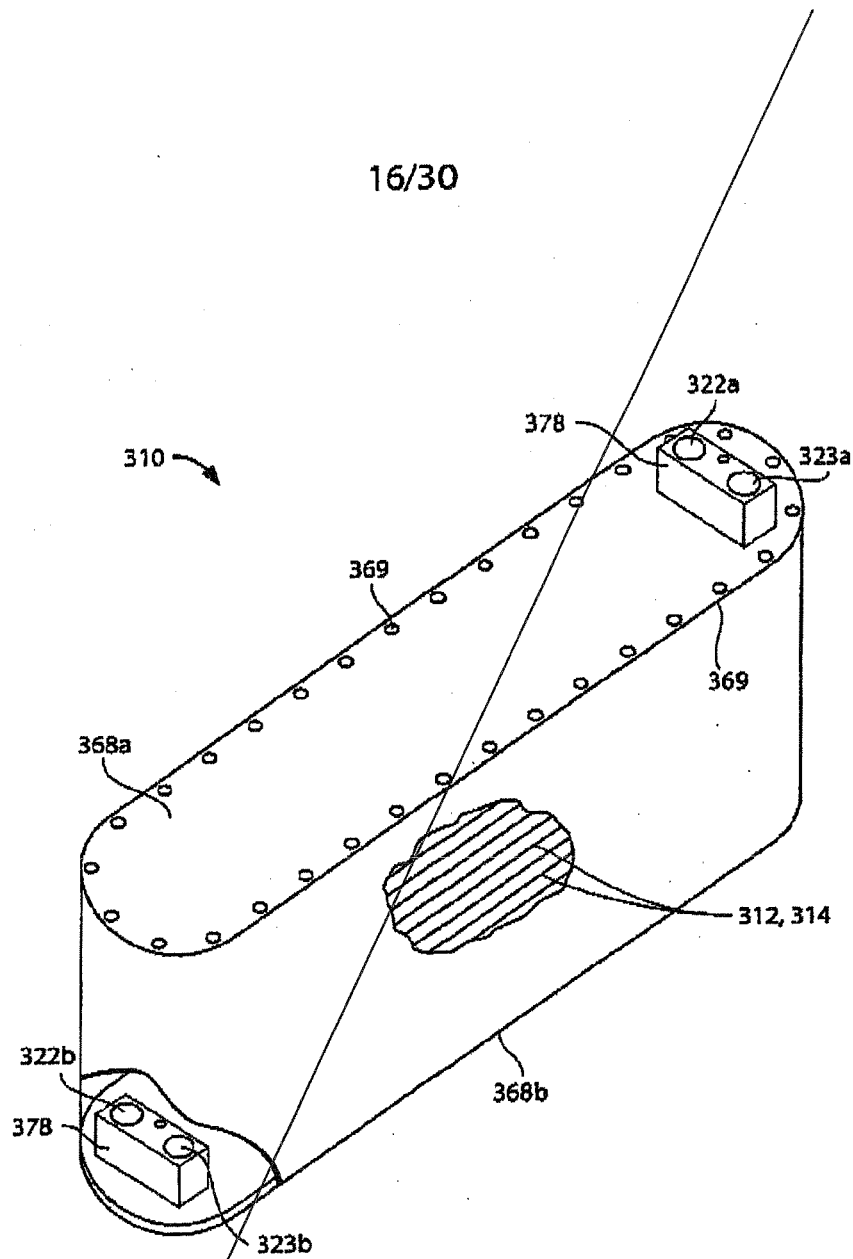


Fig. 6A

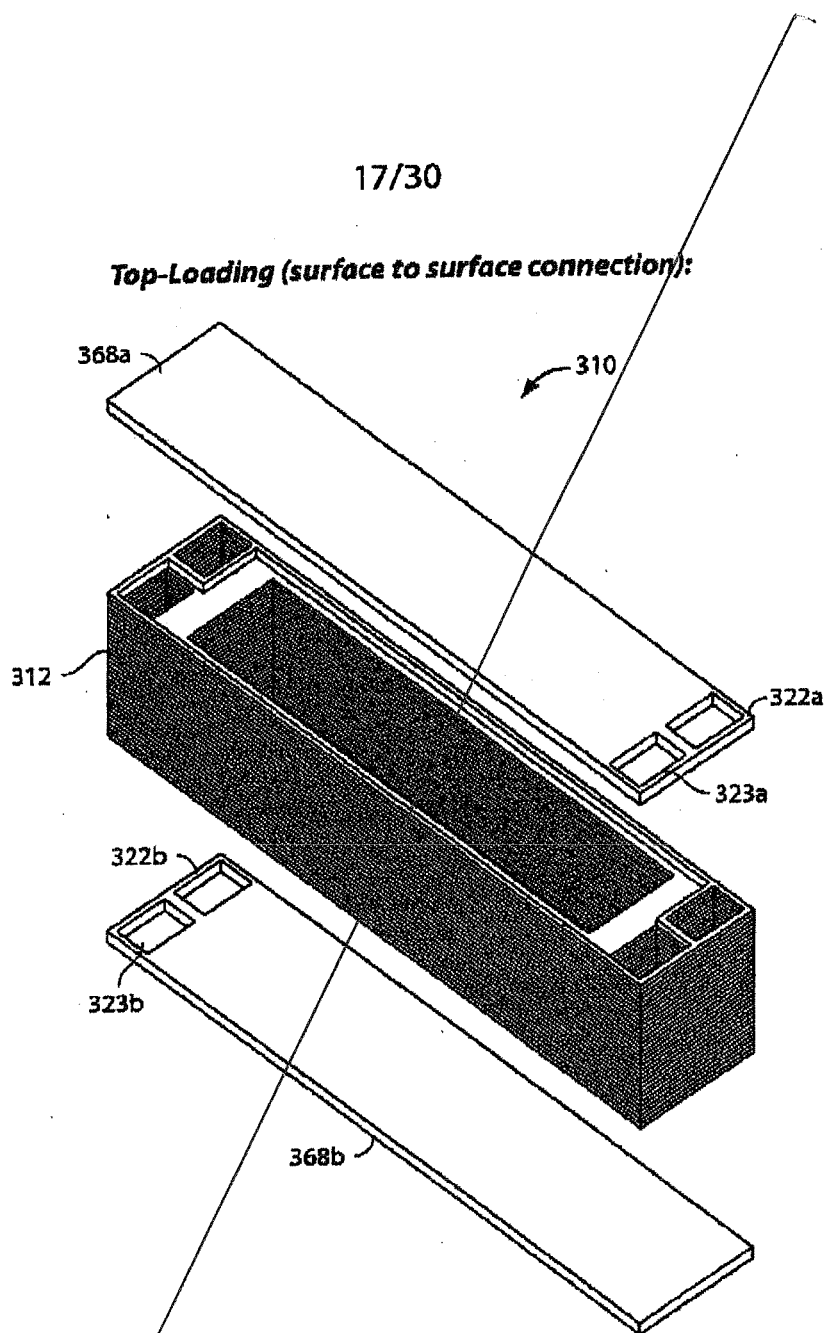


Fig. 6B

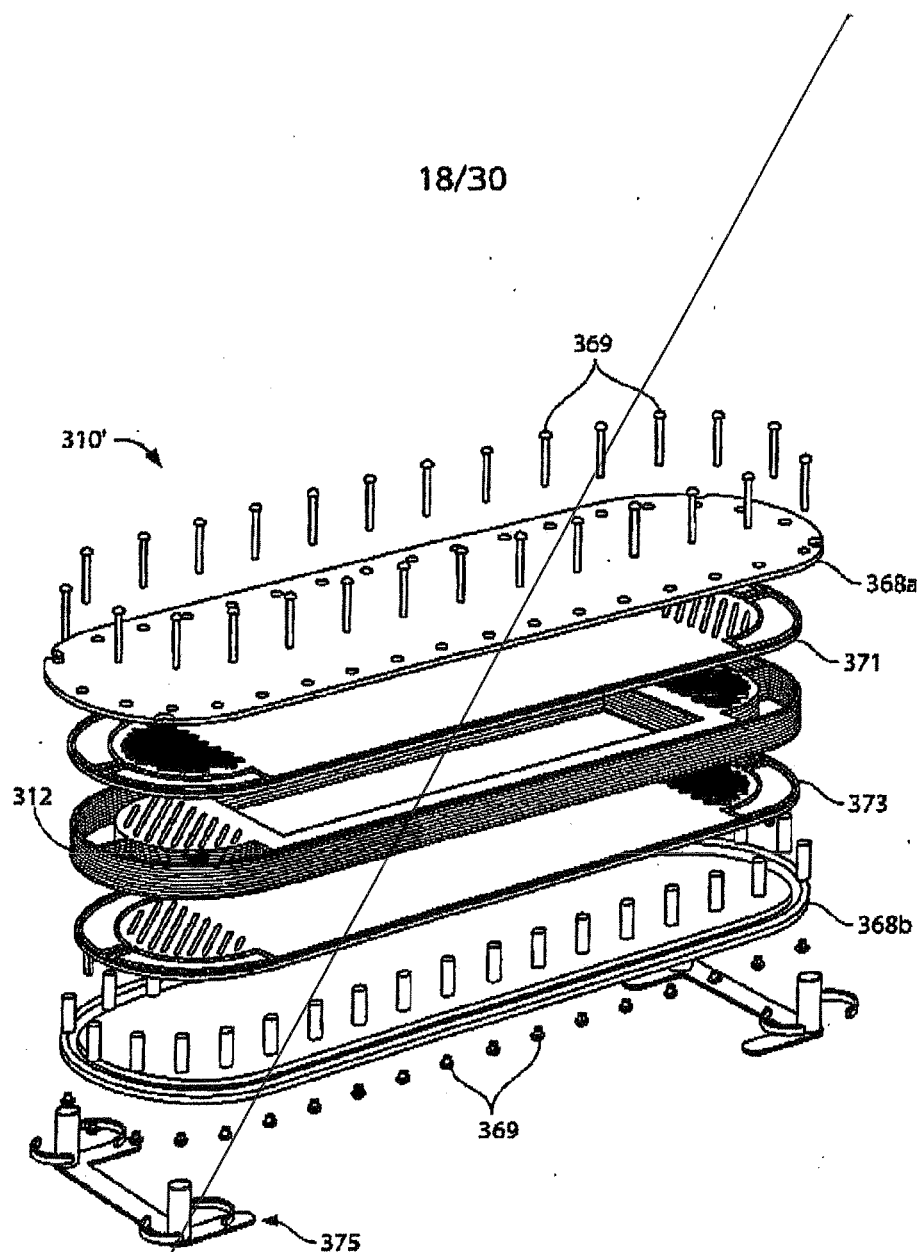
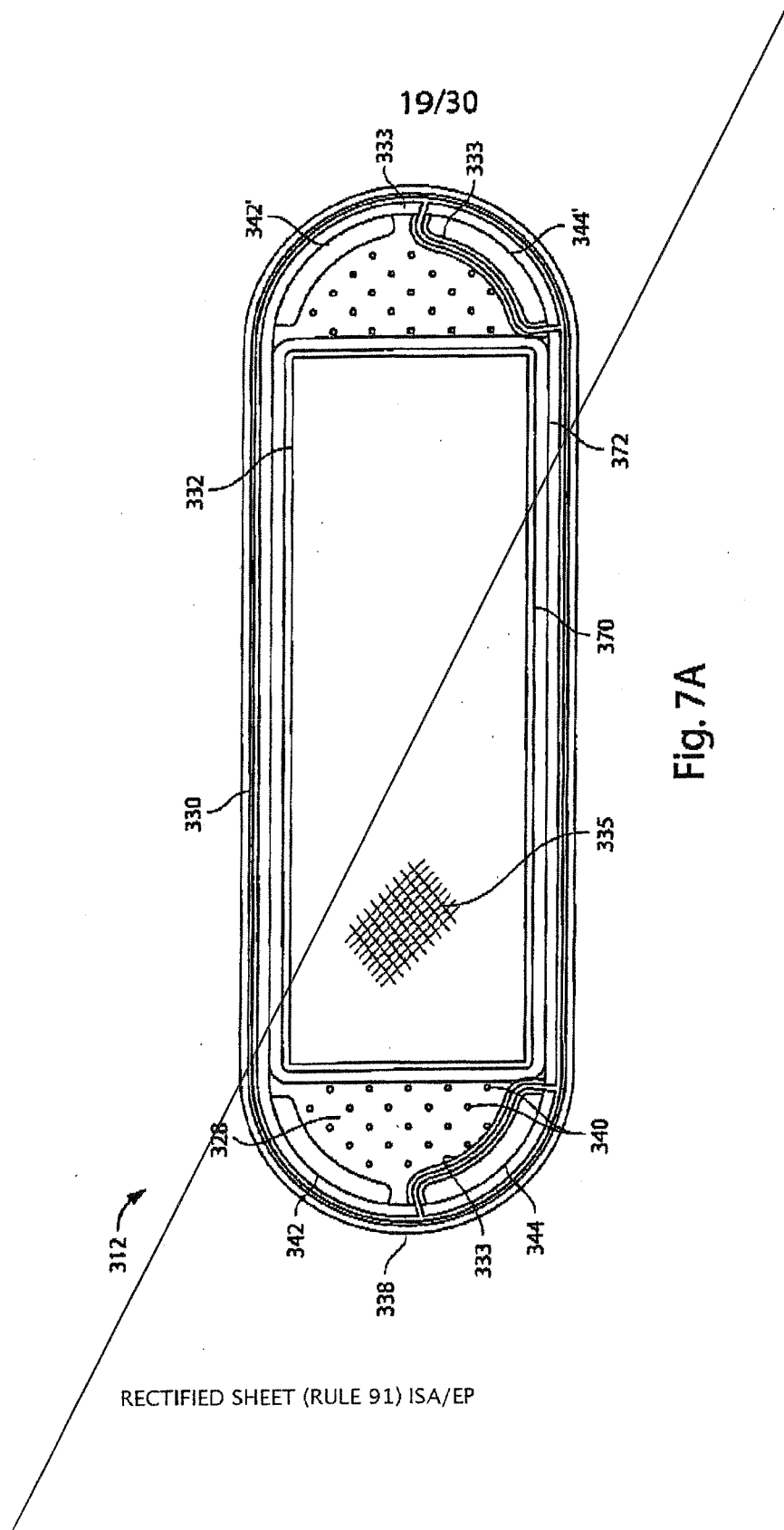
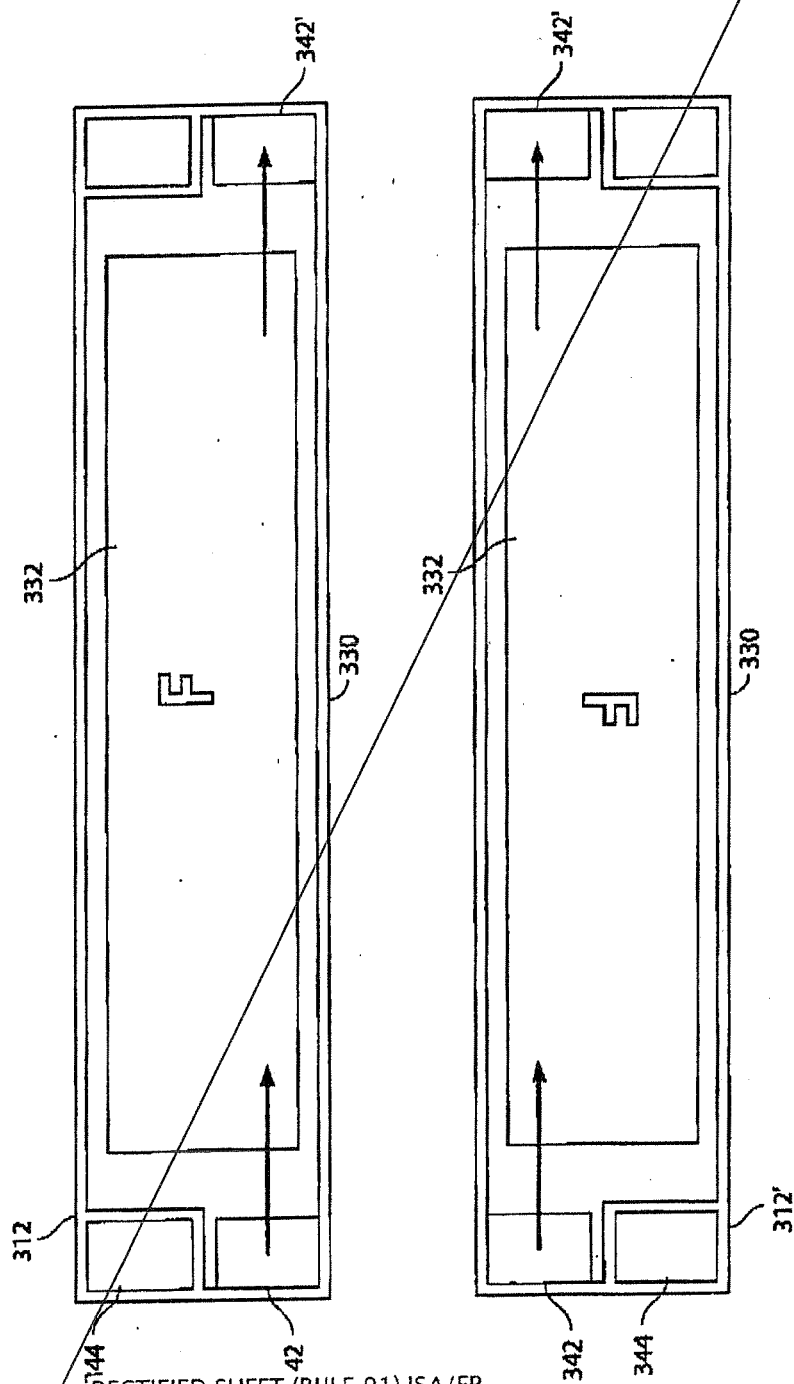


Fig. 6C



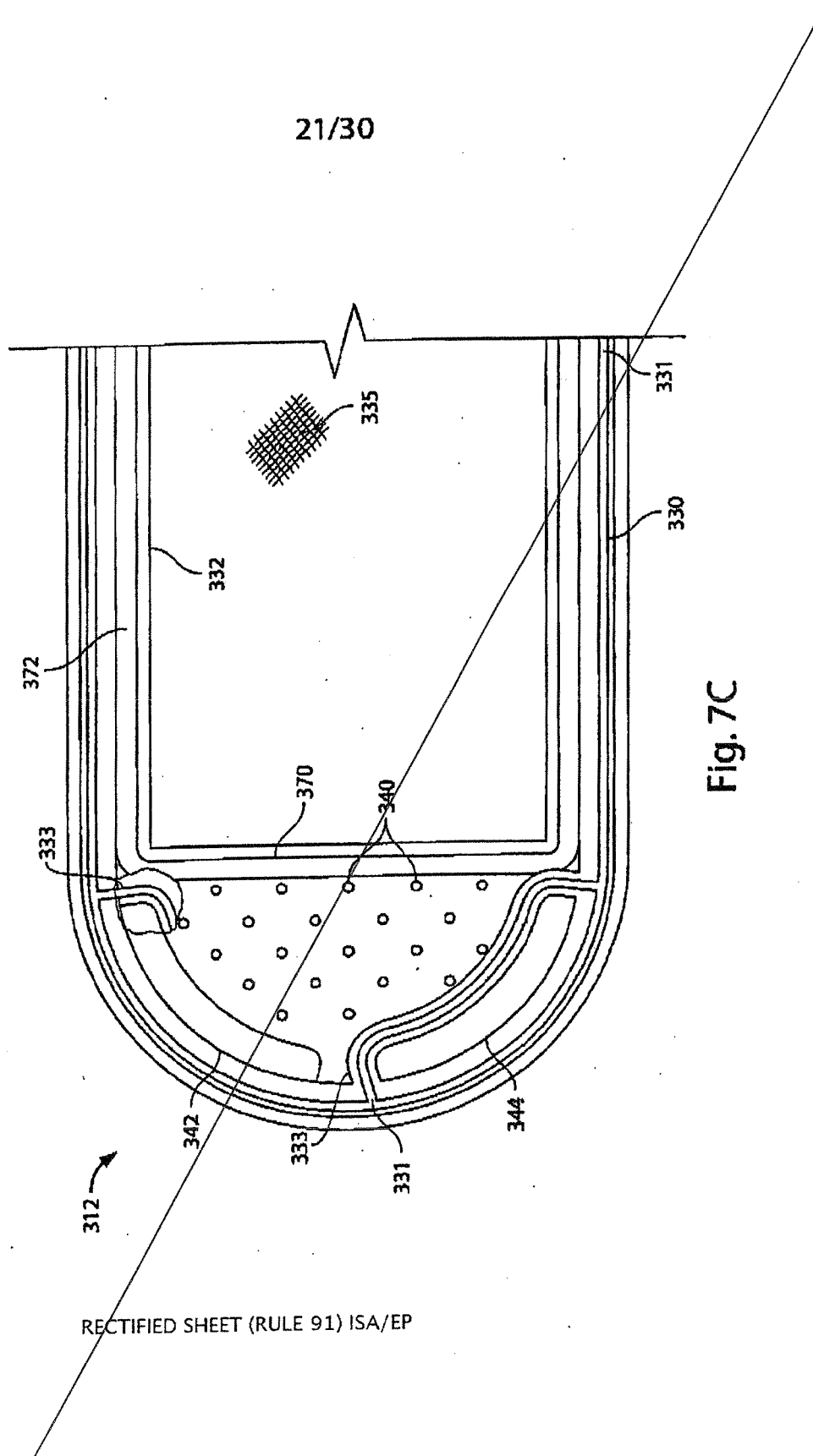
20/30



One Cartridge (F) Rotated 180 Degrees:

FIG. 7B

21/30



RECTIFIED SHEET (RULE 91) ISA/EP

22/30

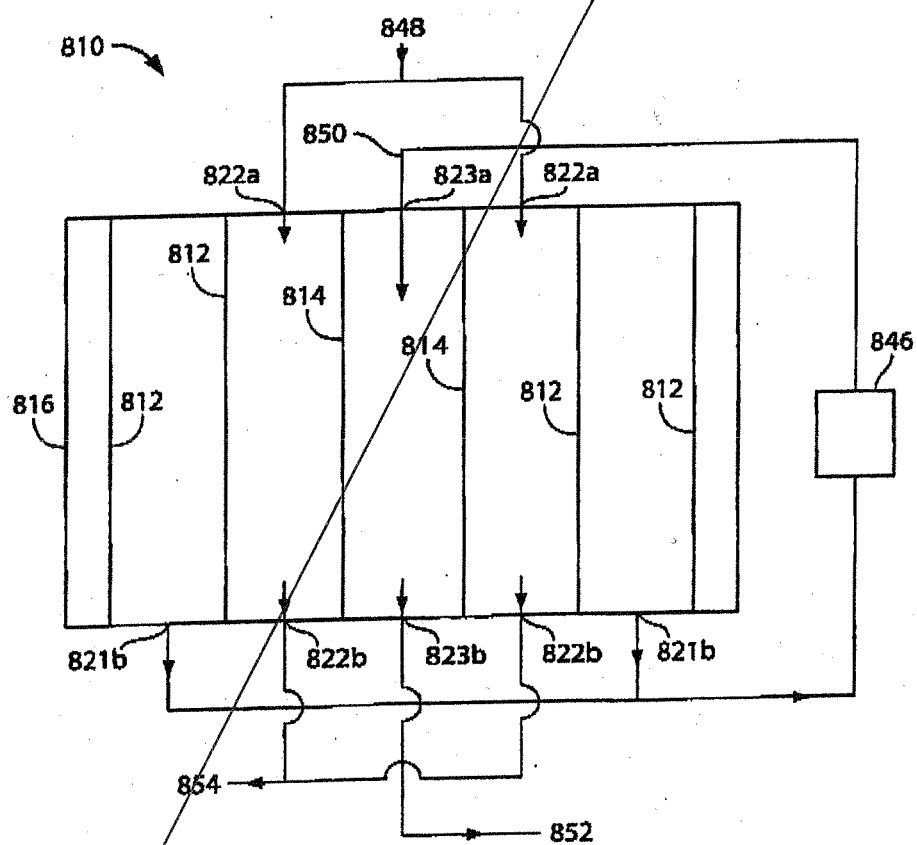


Fig. 8

23/30

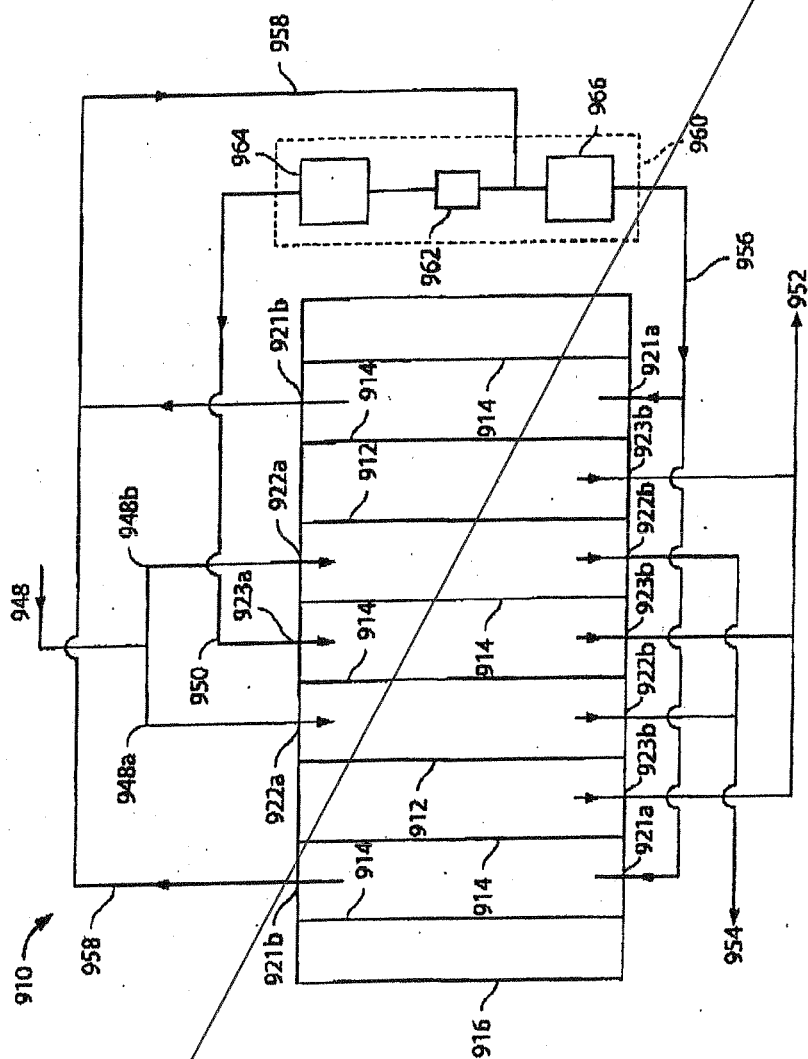


Fig. 9

RECTIFIED SHEET (RULE 91) ISA/EP

24/30

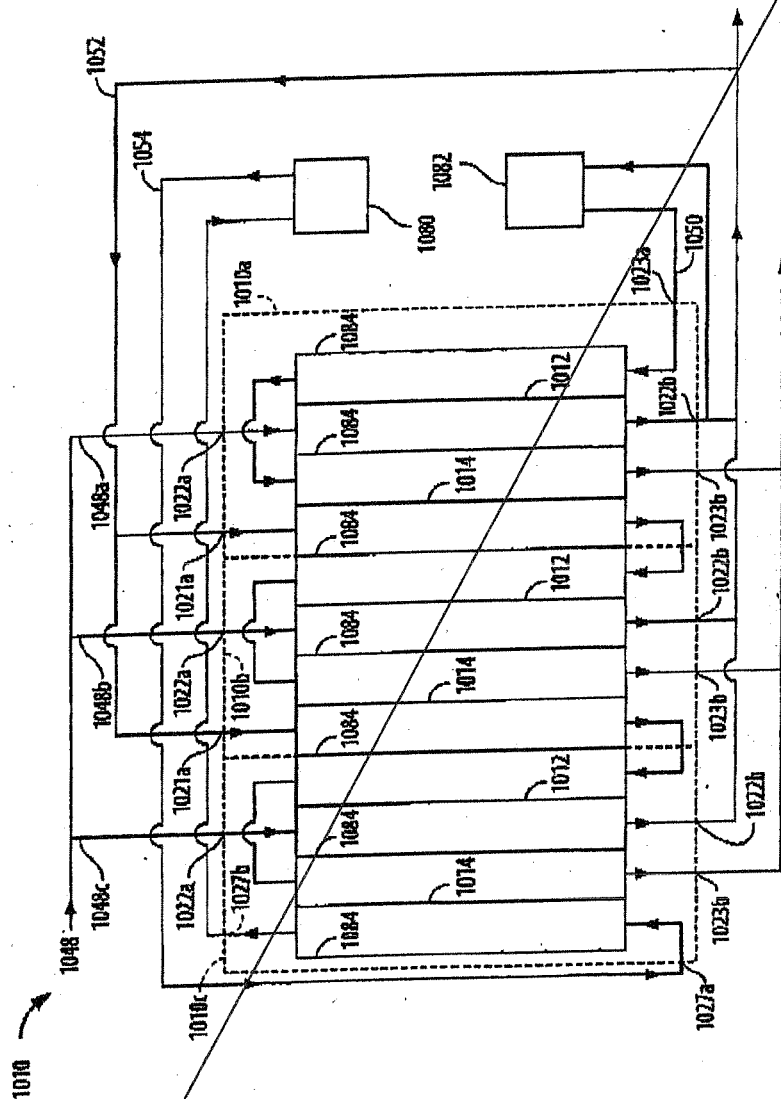


Fig. 10

25/30

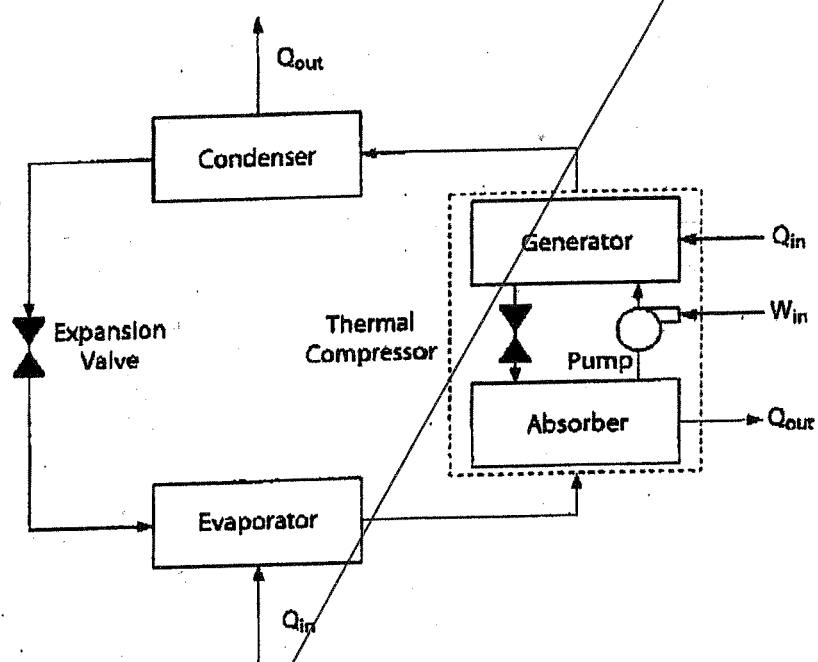
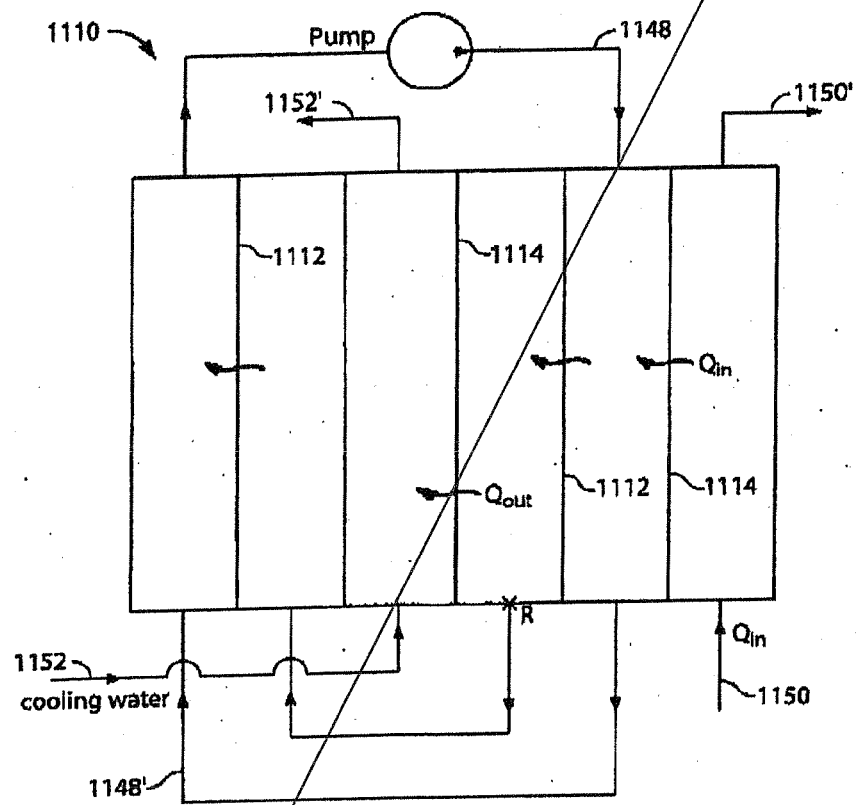
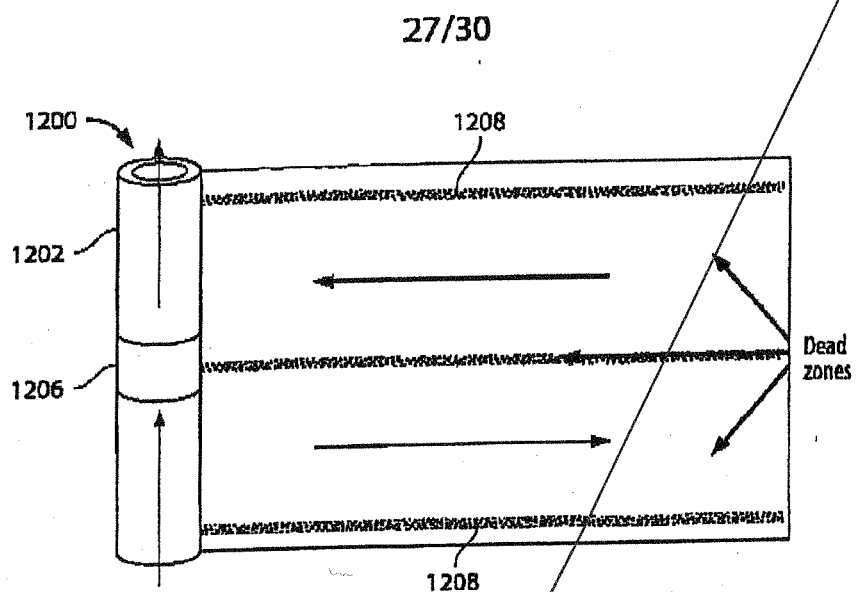


Fig. 11A

26/30



RECTIFIED SHEET (RULE 91) ISA/EP



Prior Art
Fig. 12A

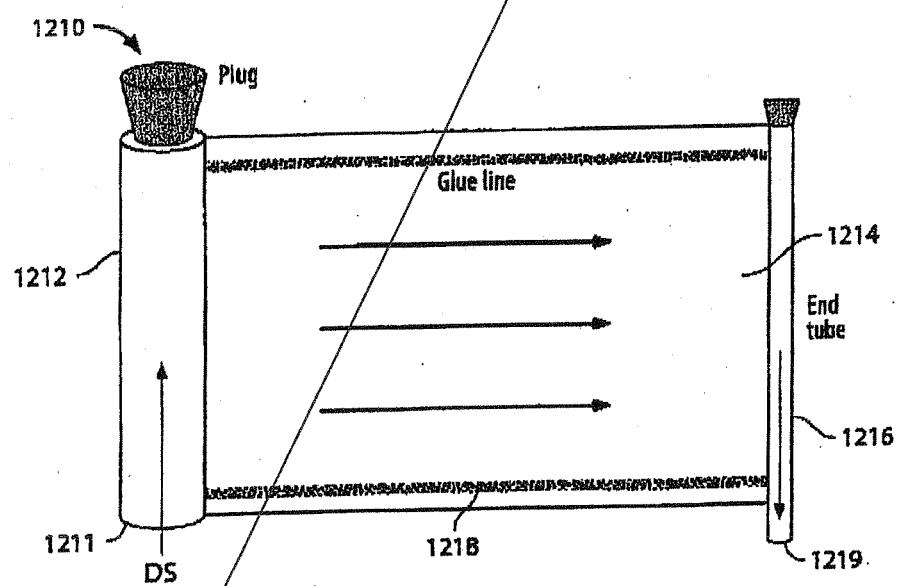


Fig. 12B

28/30

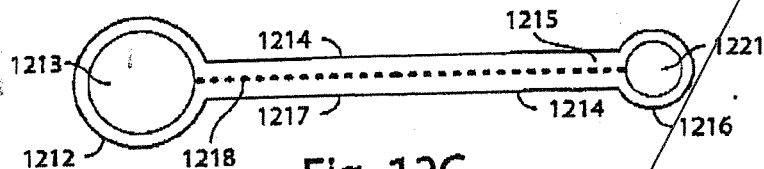


Fig. 12C

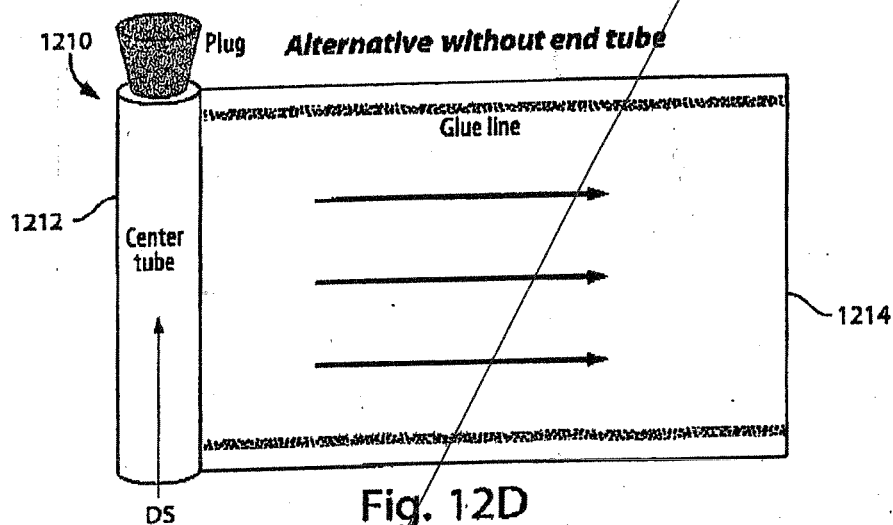


Fig. 12D

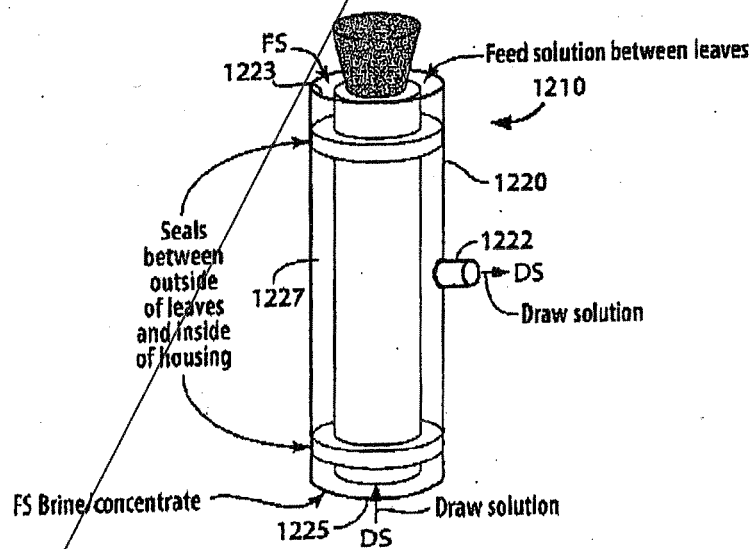


Fig. 12E

29/30

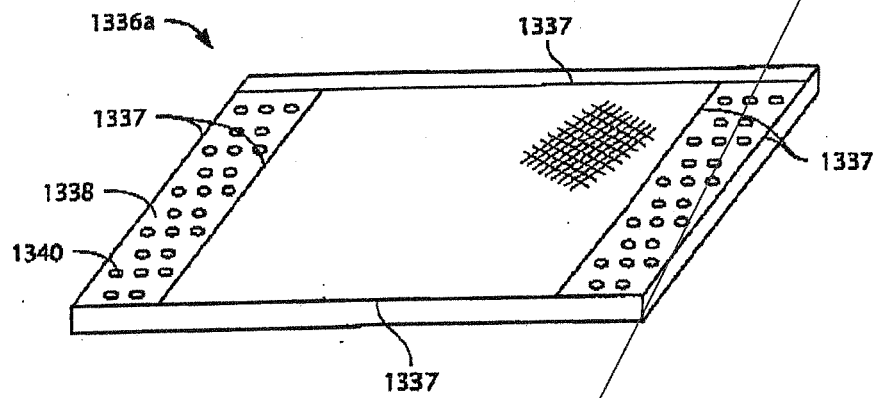


Fig. 13A

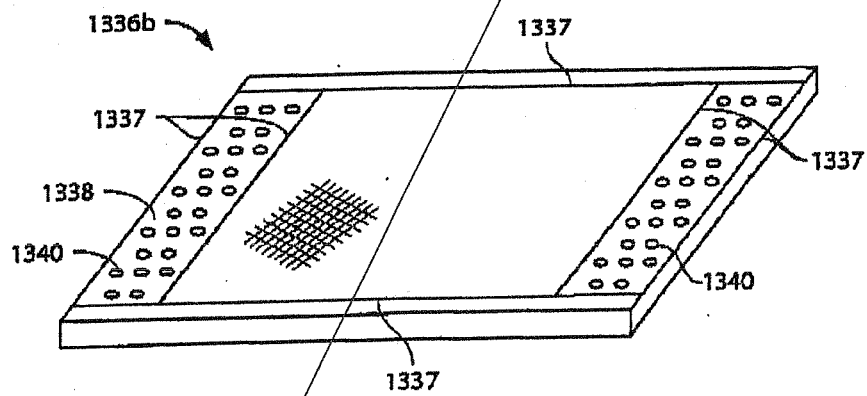
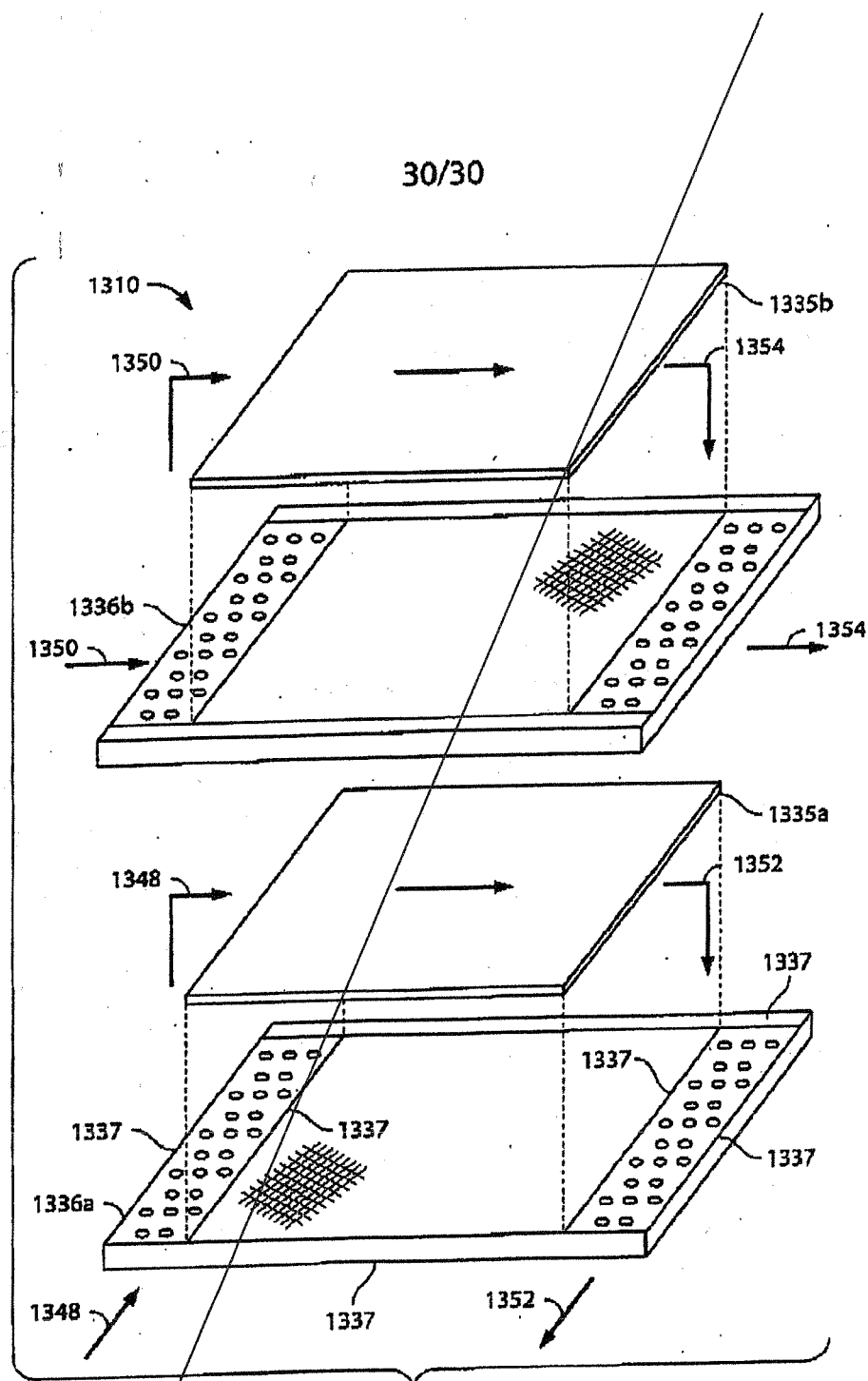


Fig. 13B



RECTIFIED SHEET (RULE 91) ISA/EP