

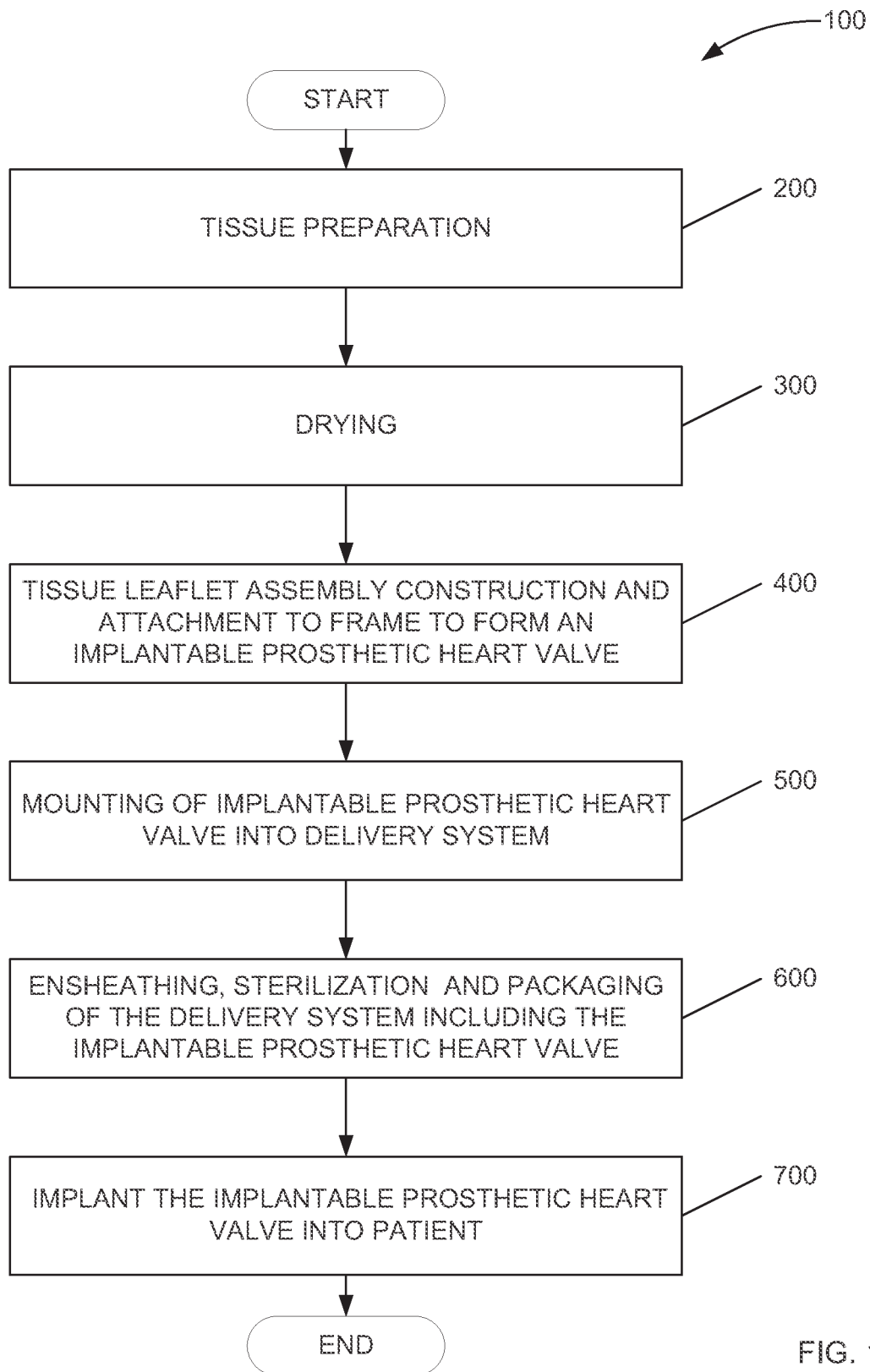


FIG. 1

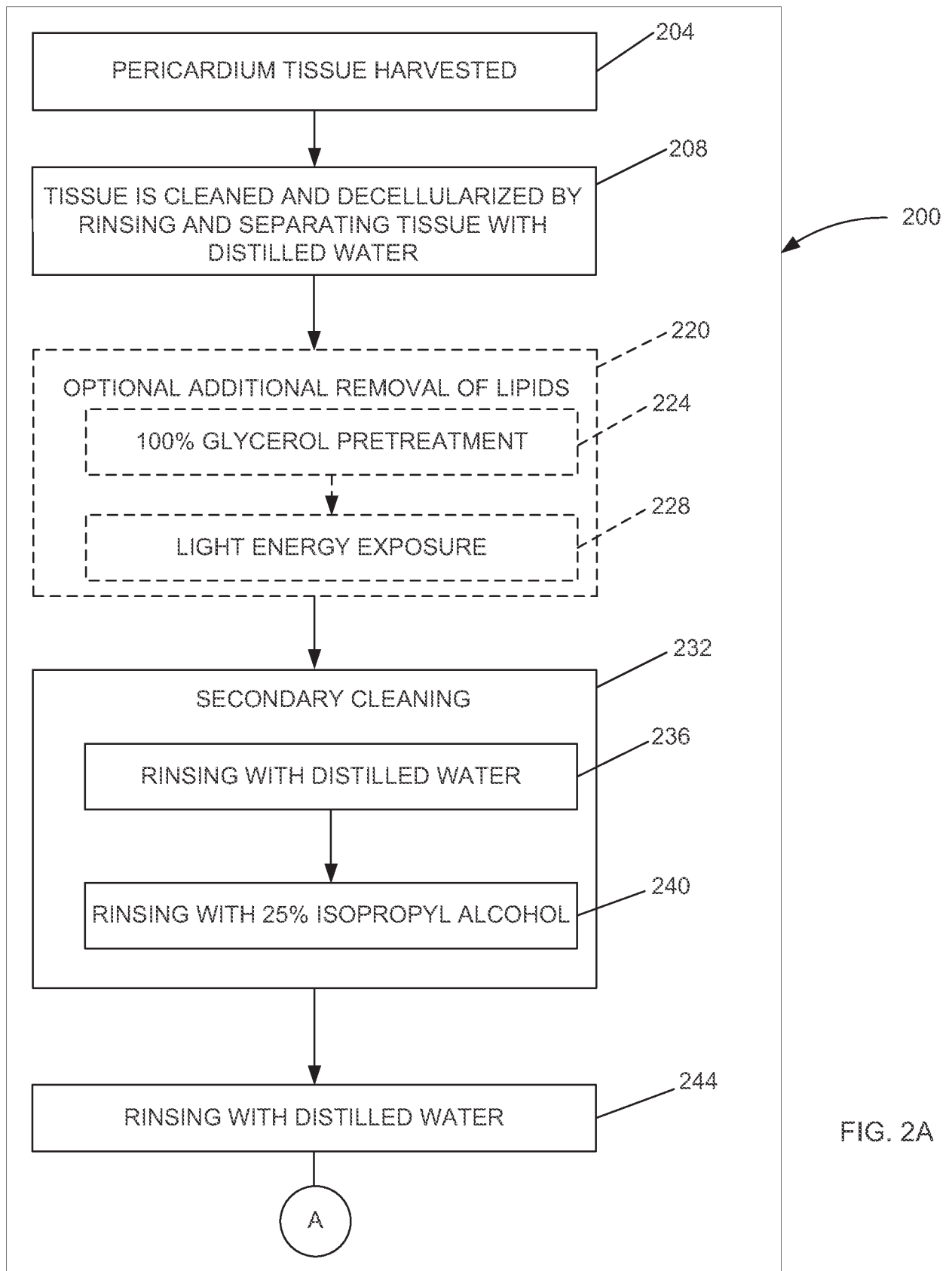


FIG. 2A

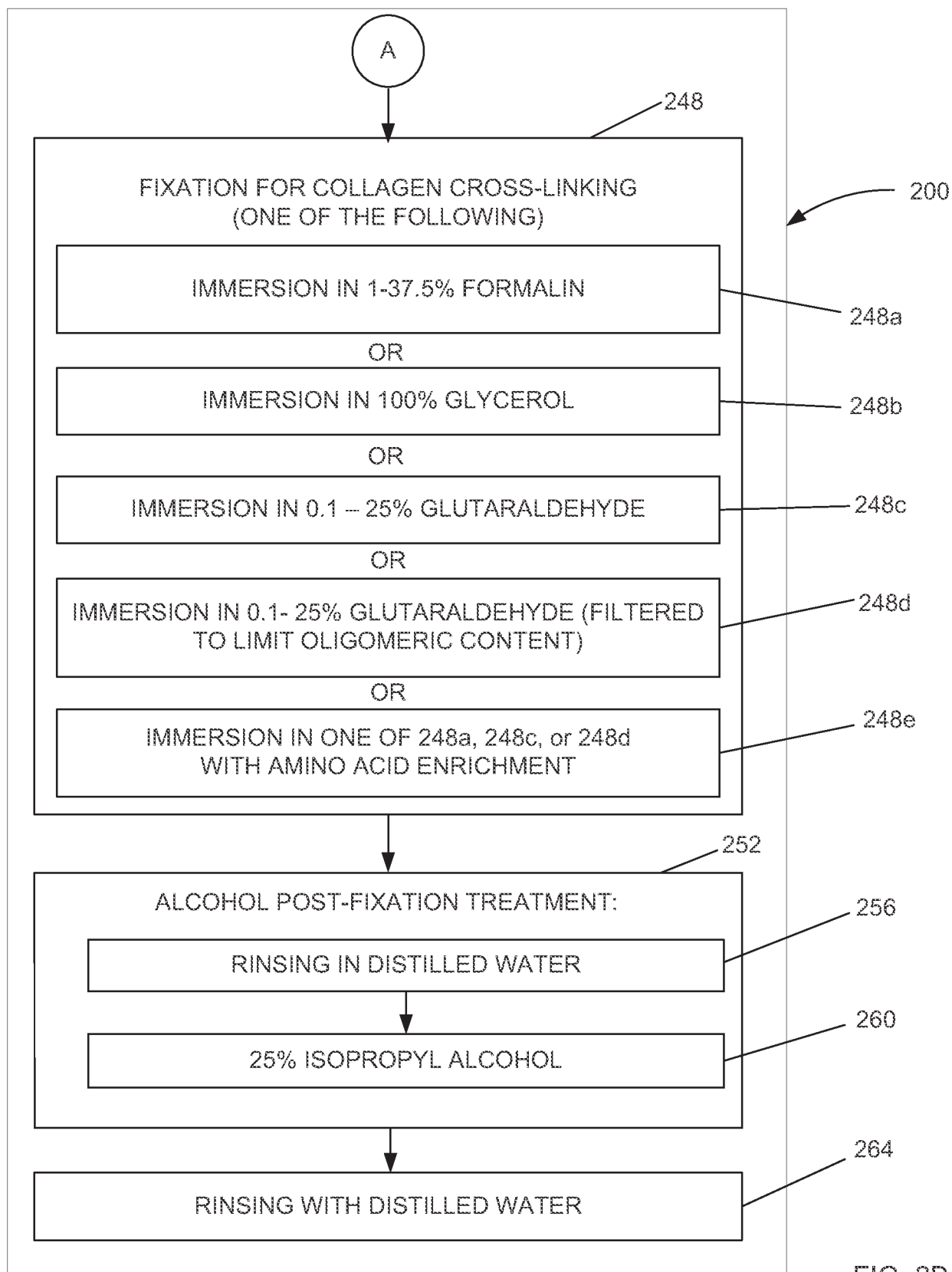


FIG. 2B

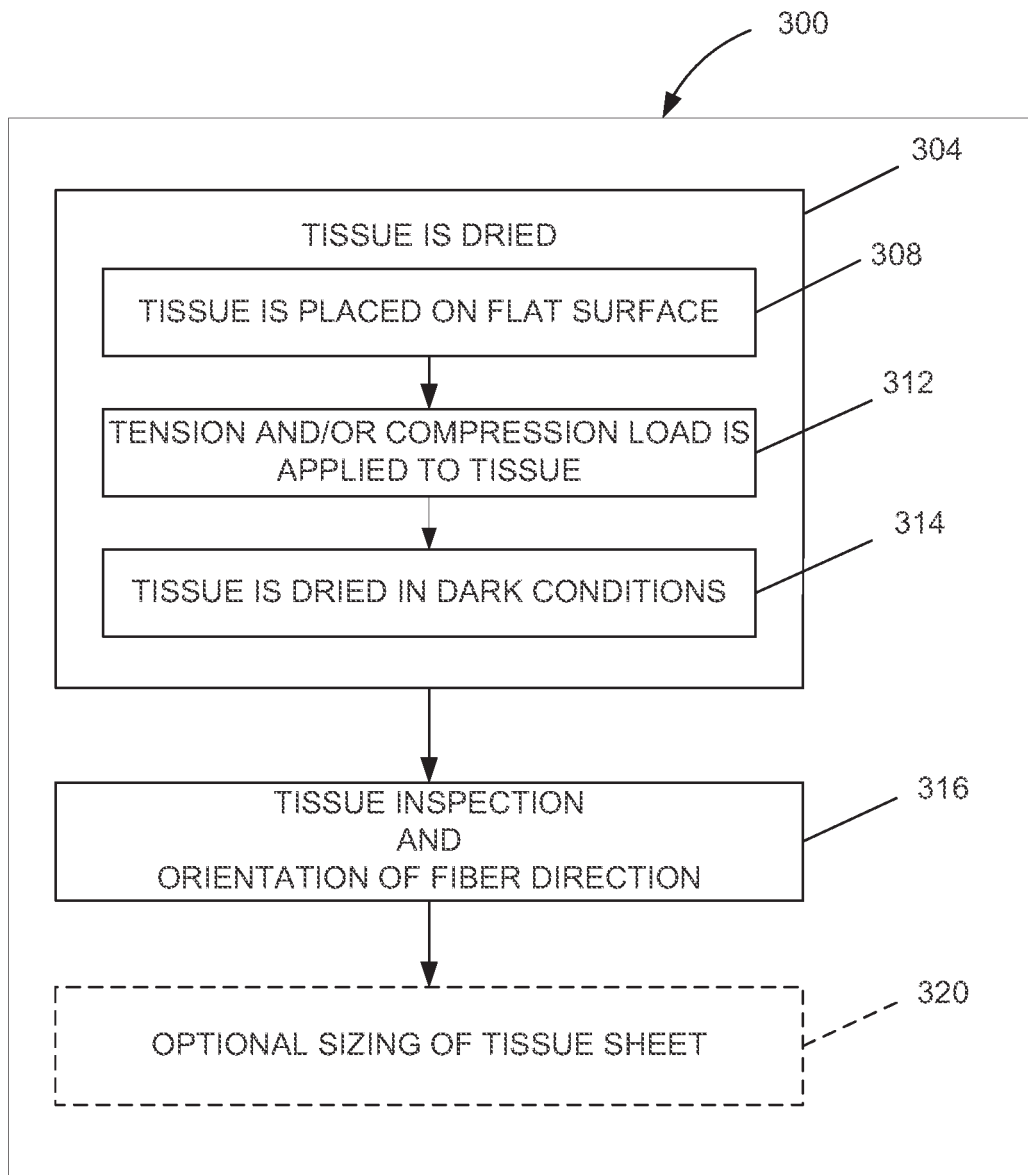


FIG. 3

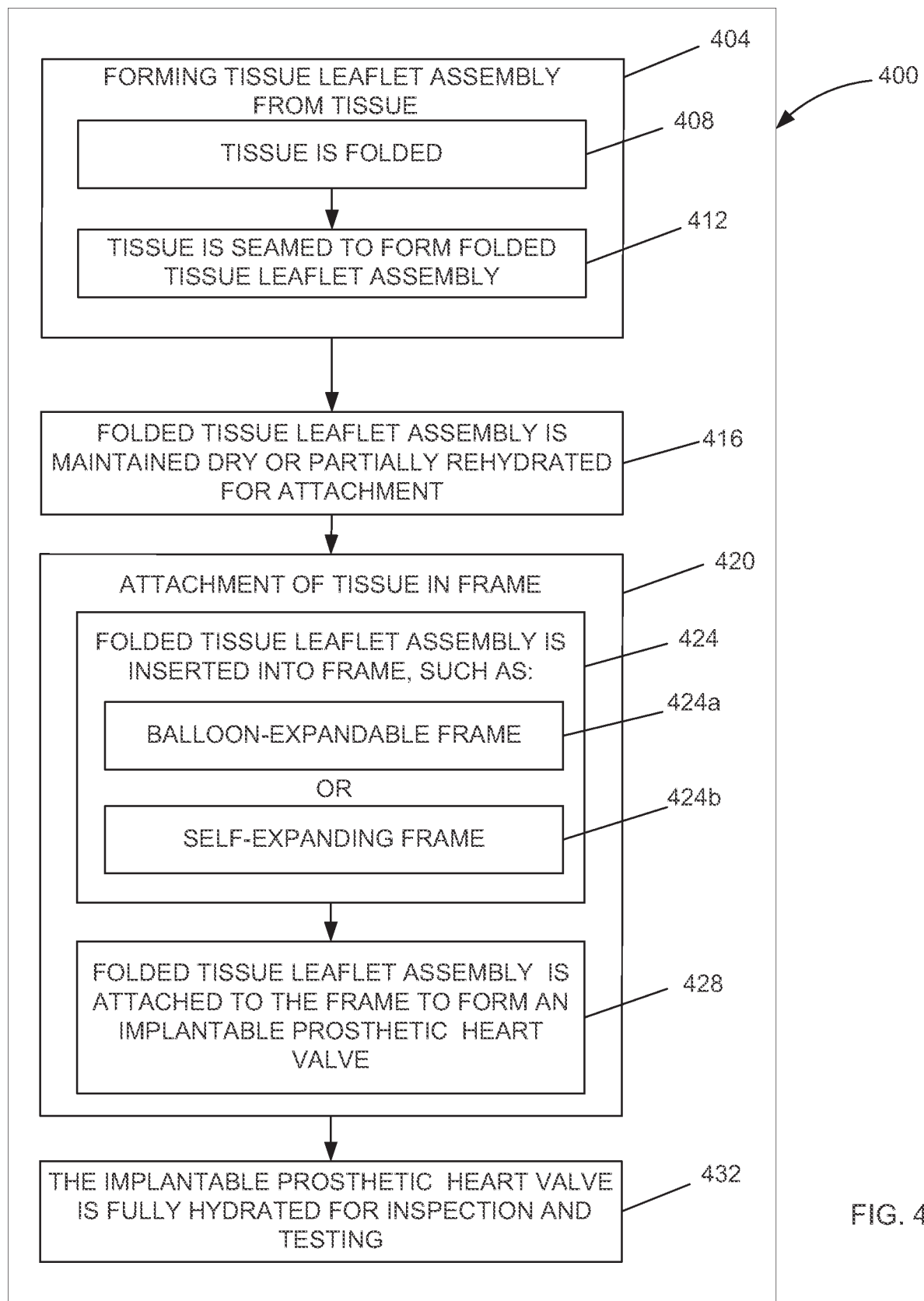


FIG. 4

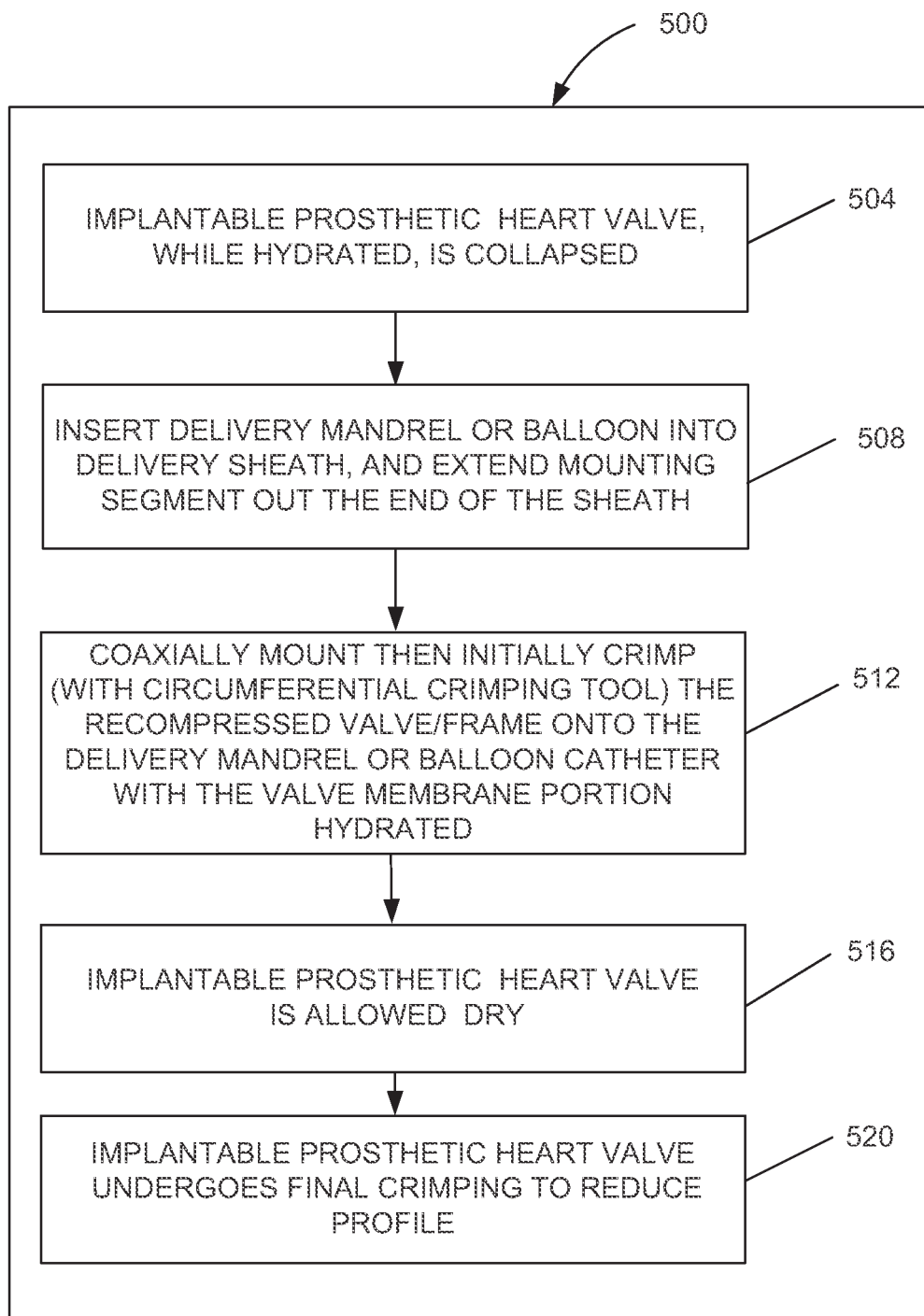


FIG. 5

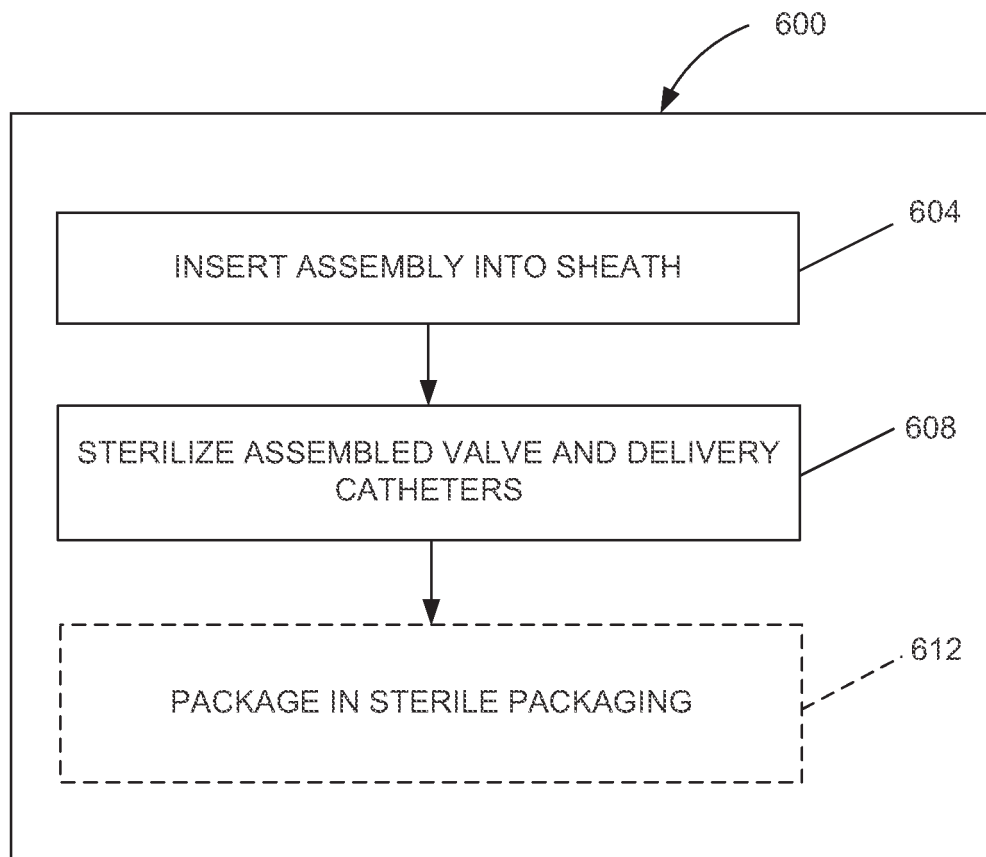


FIG. 6

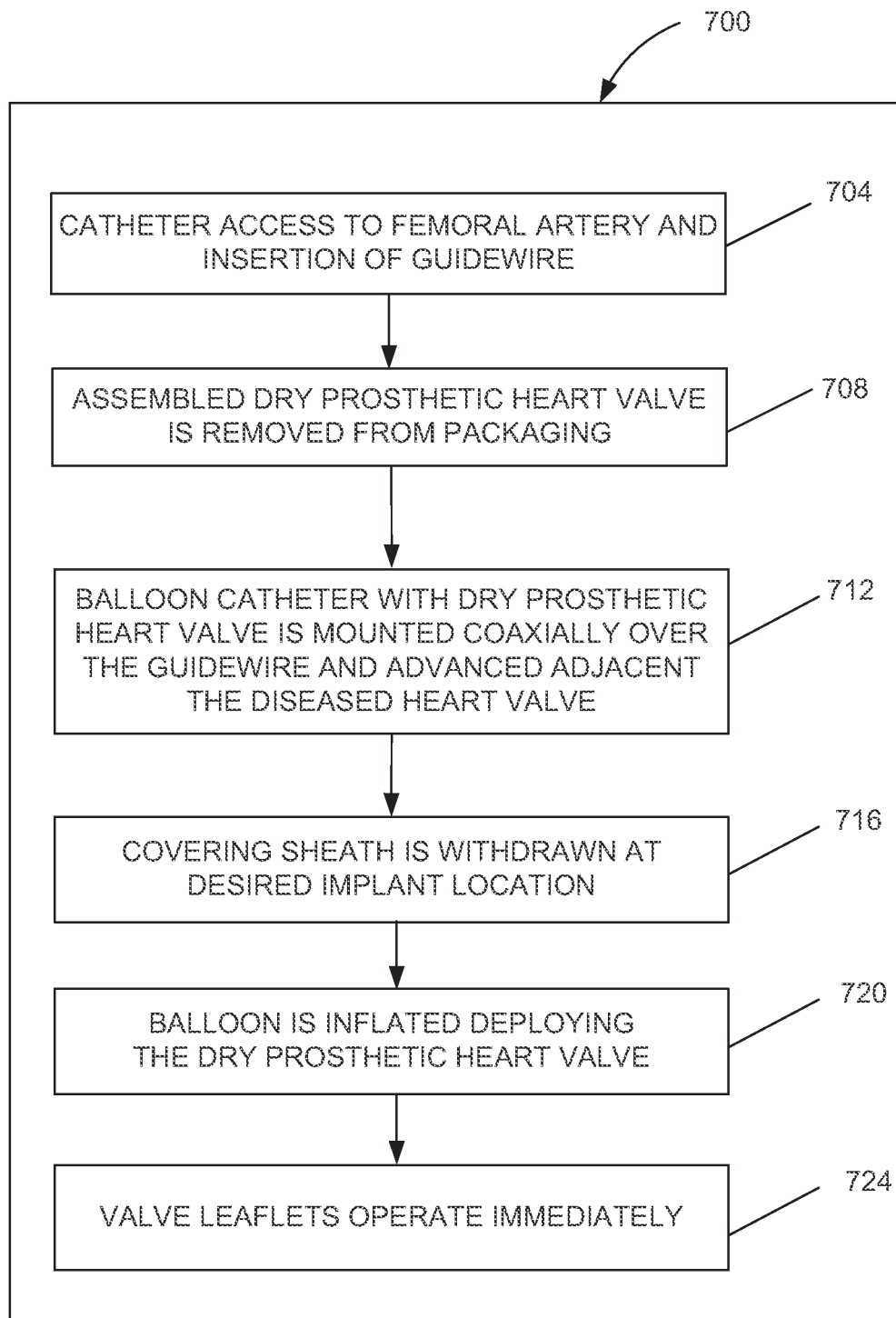
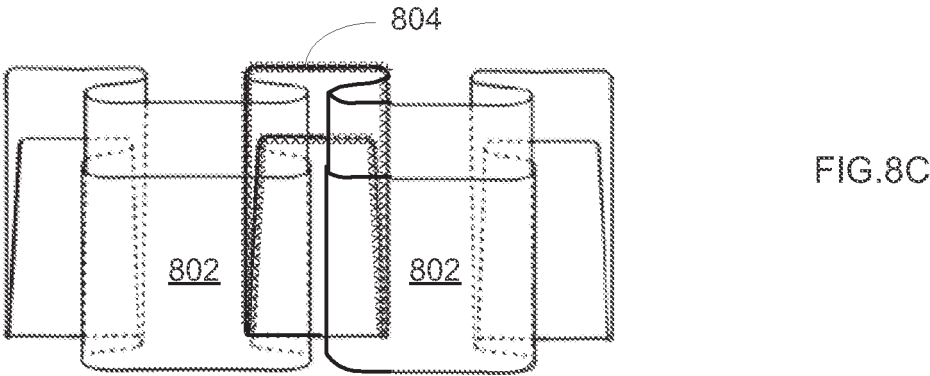
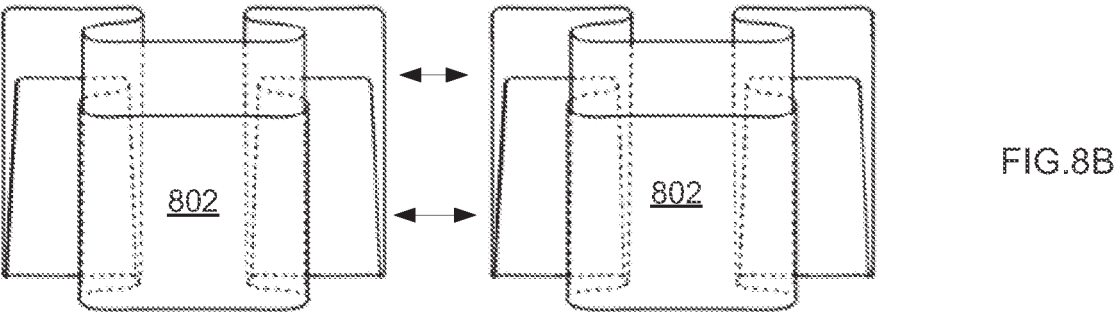
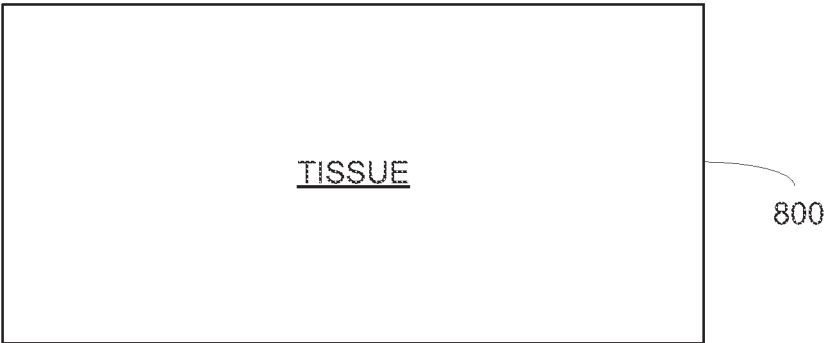
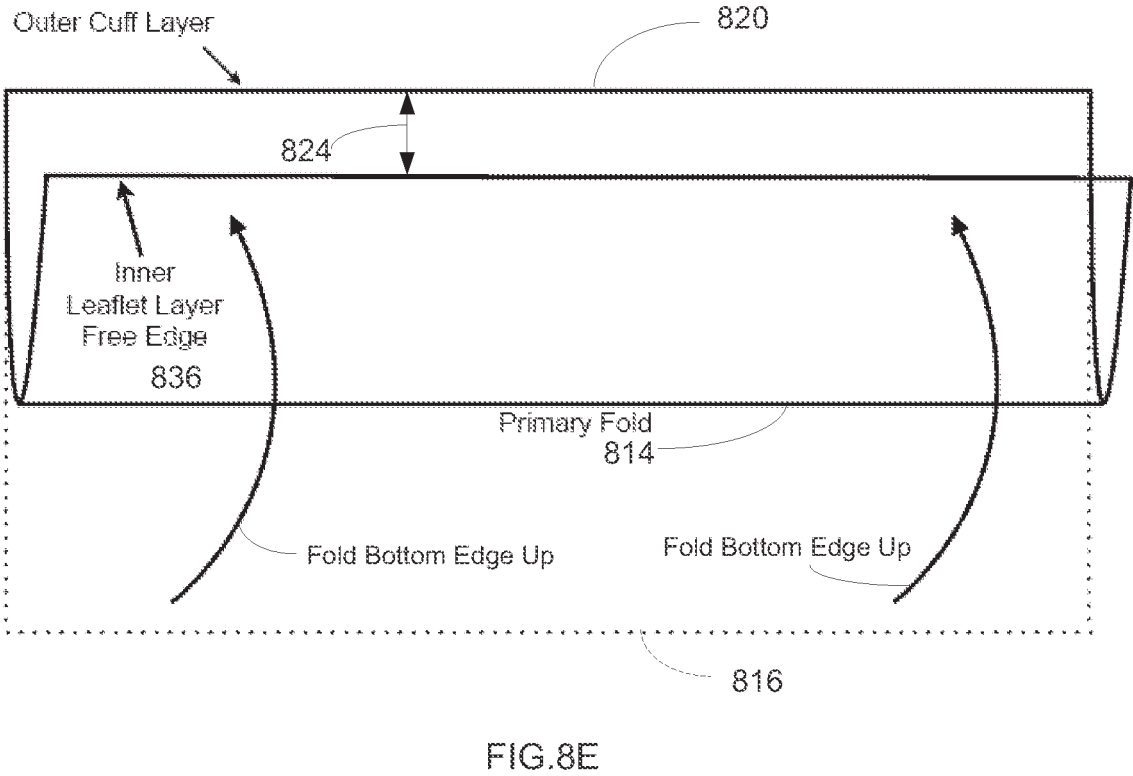
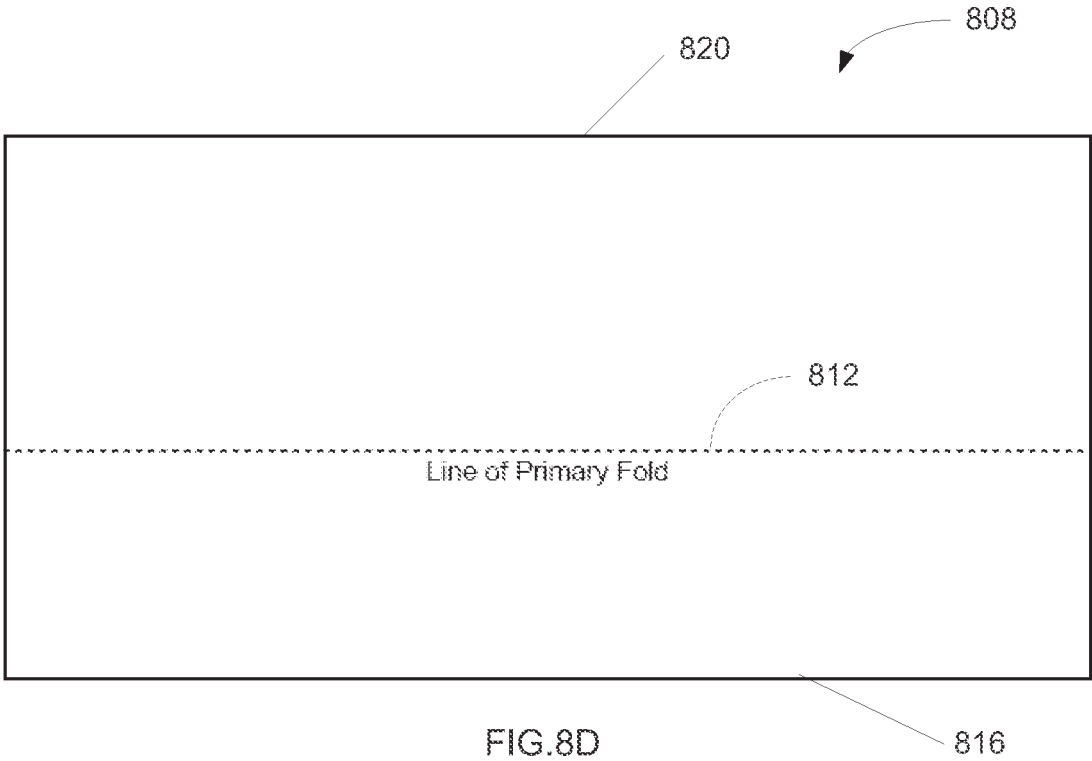


FIG.7





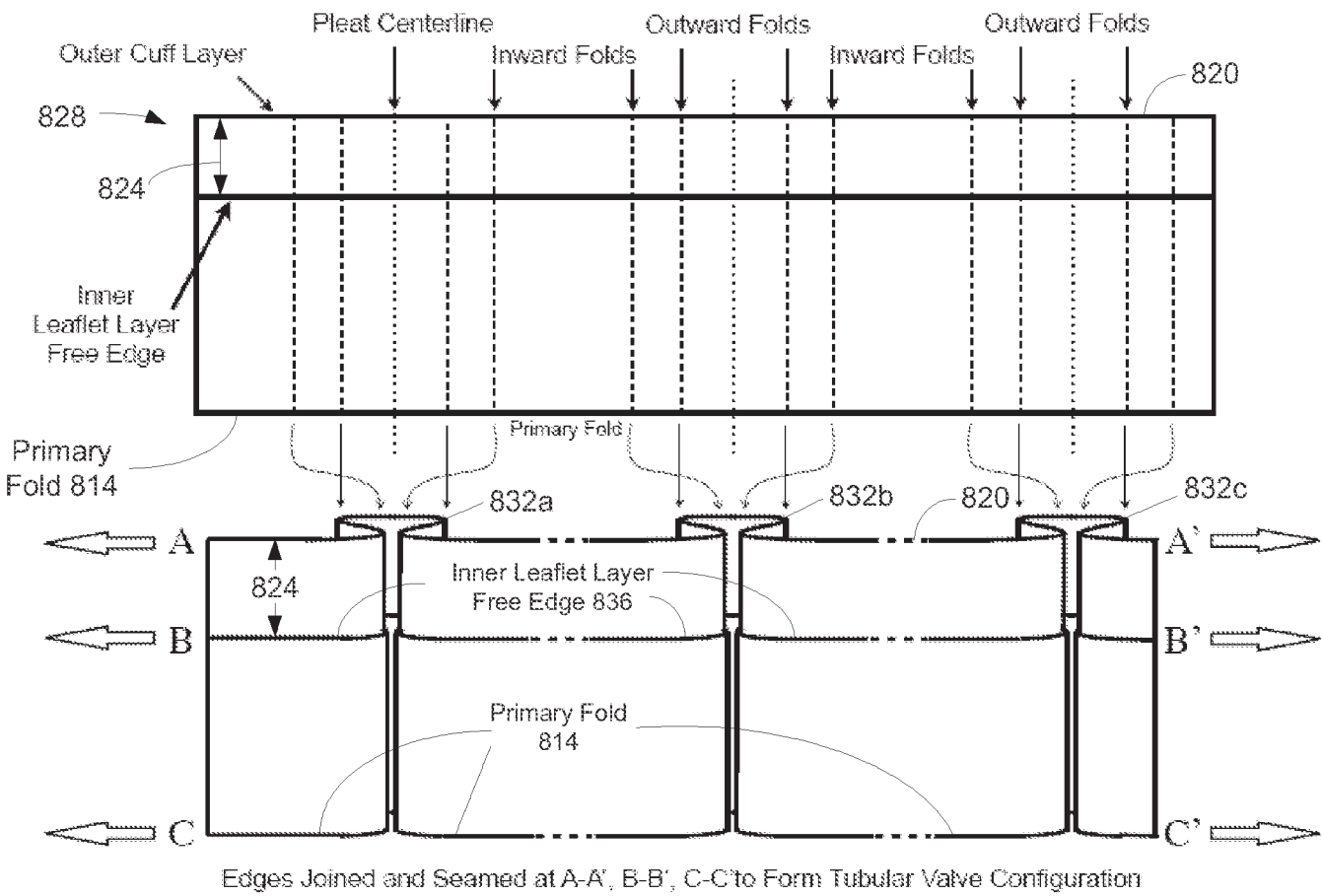
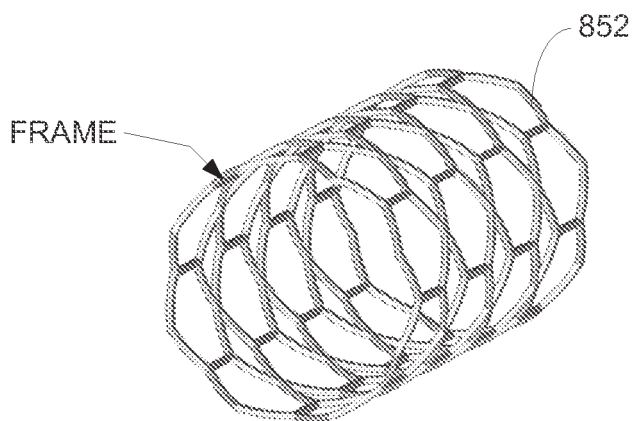
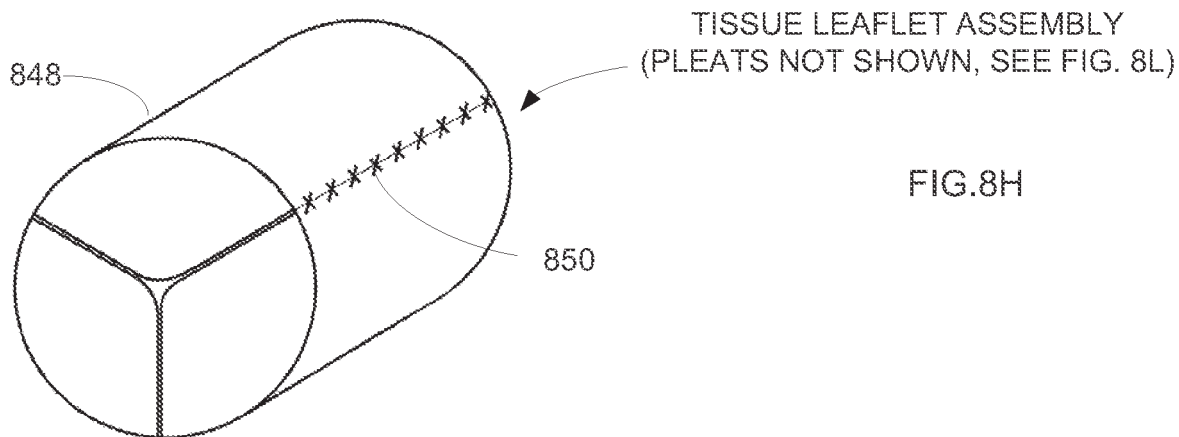
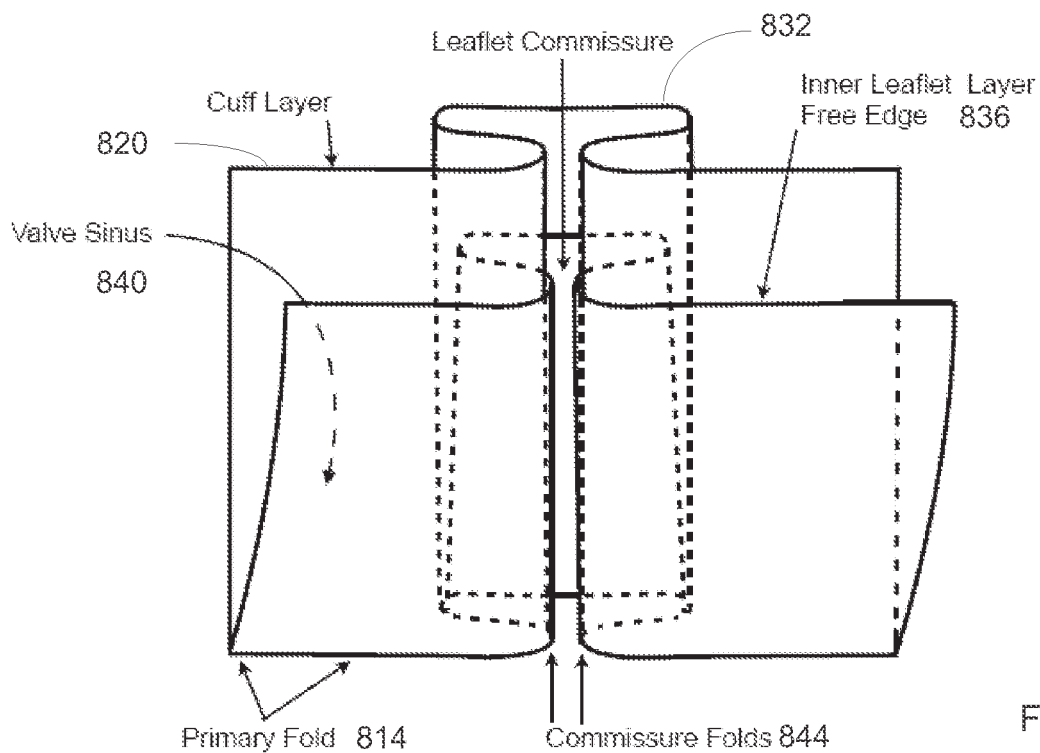
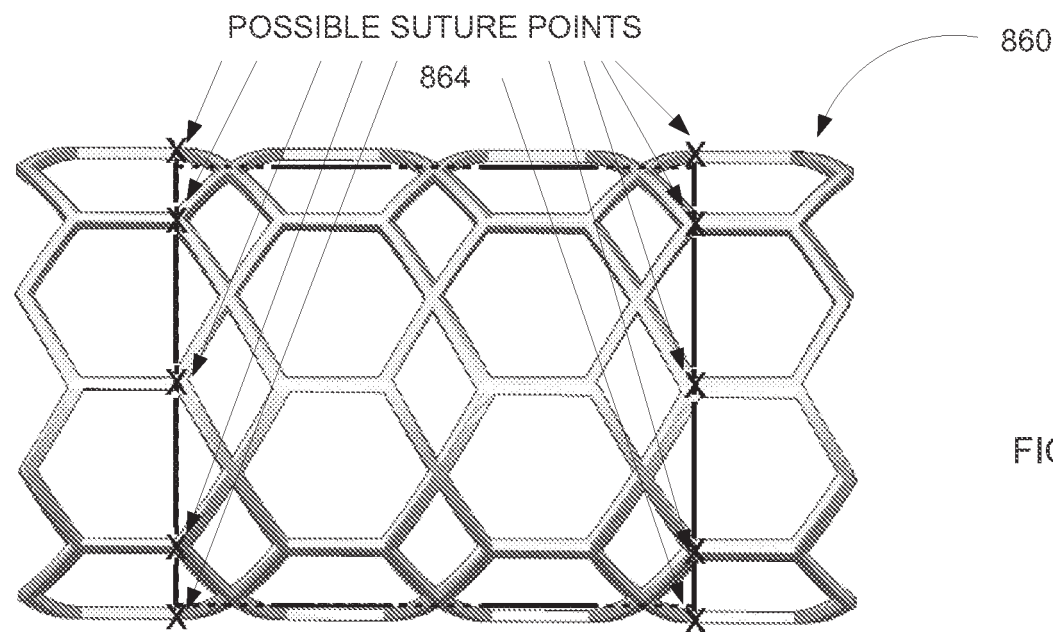
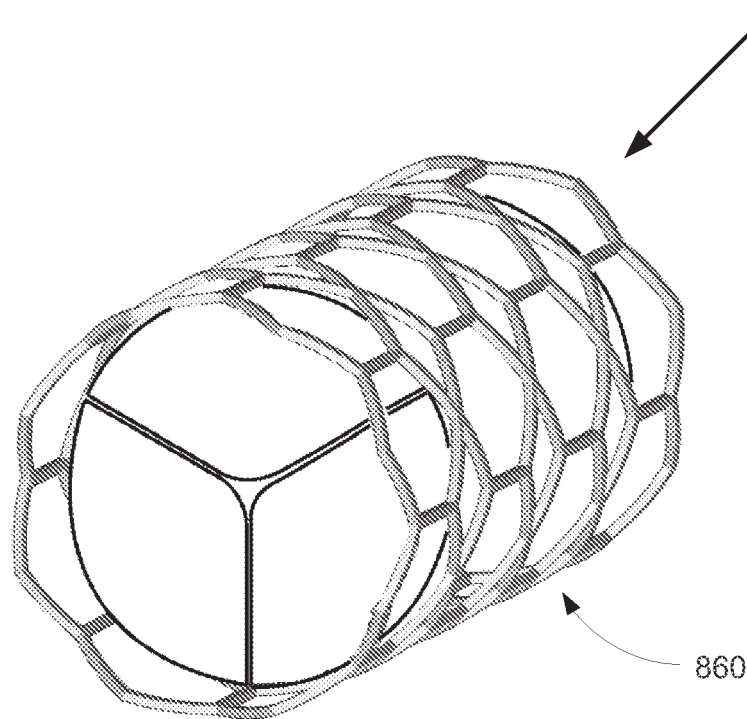


FIG.8F



TISSUE LEAFLET ASSEMBLY ATTACHED WITHIN
FRAME TO FORM A PROSTHETIC HEART VALVE
(PLEATS NOT SHOWN, SEE FIG. 8L)



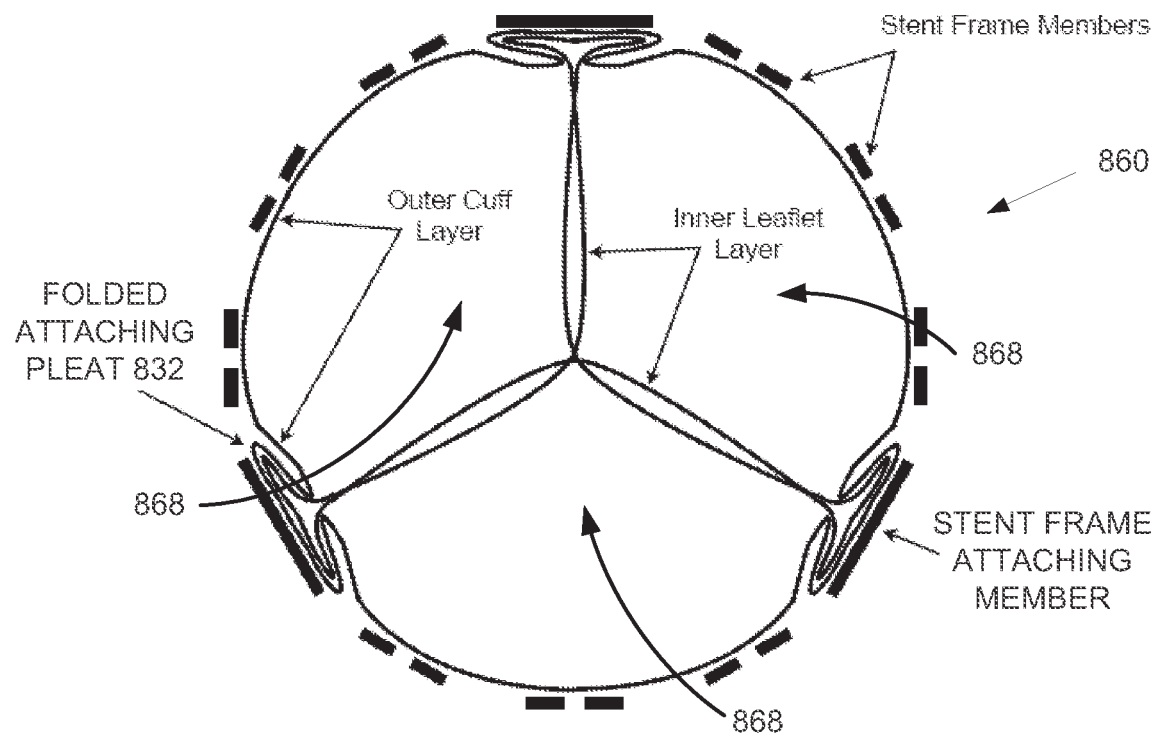
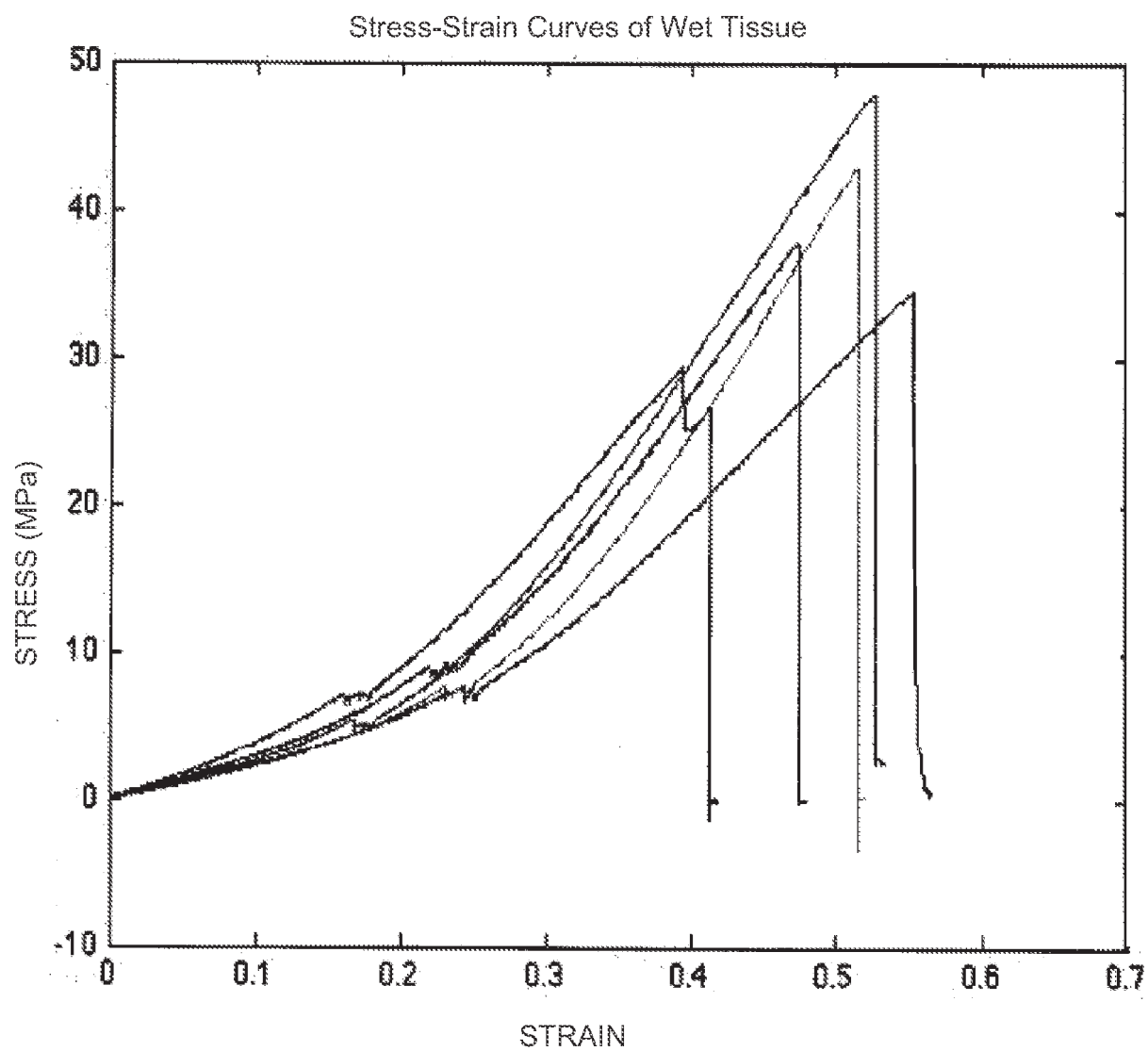


FIG. 8L



Stress-strain curves in wet or hydrated state of five samples. Each curve corresponds to a separate sample.

FIG. 9

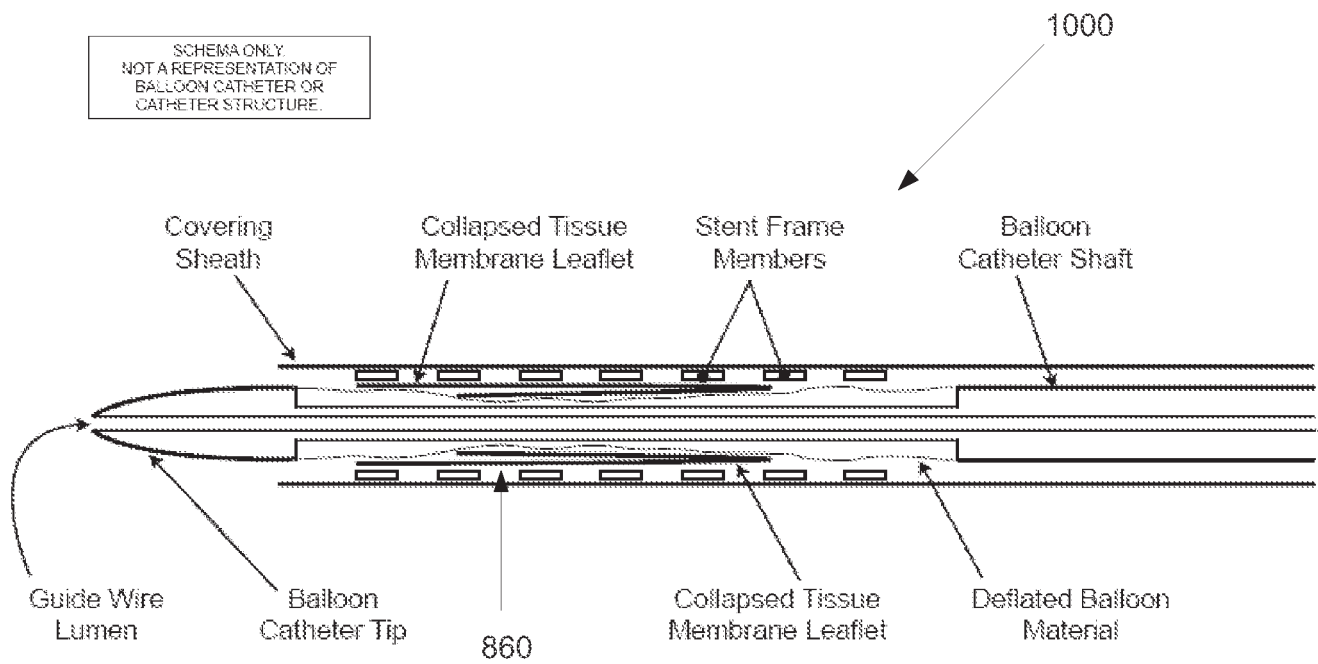


FIG.10

Photo of Tissue Leaflet Assembly Attached in Frame to
Form Implantable Prosthetic Heart Valve

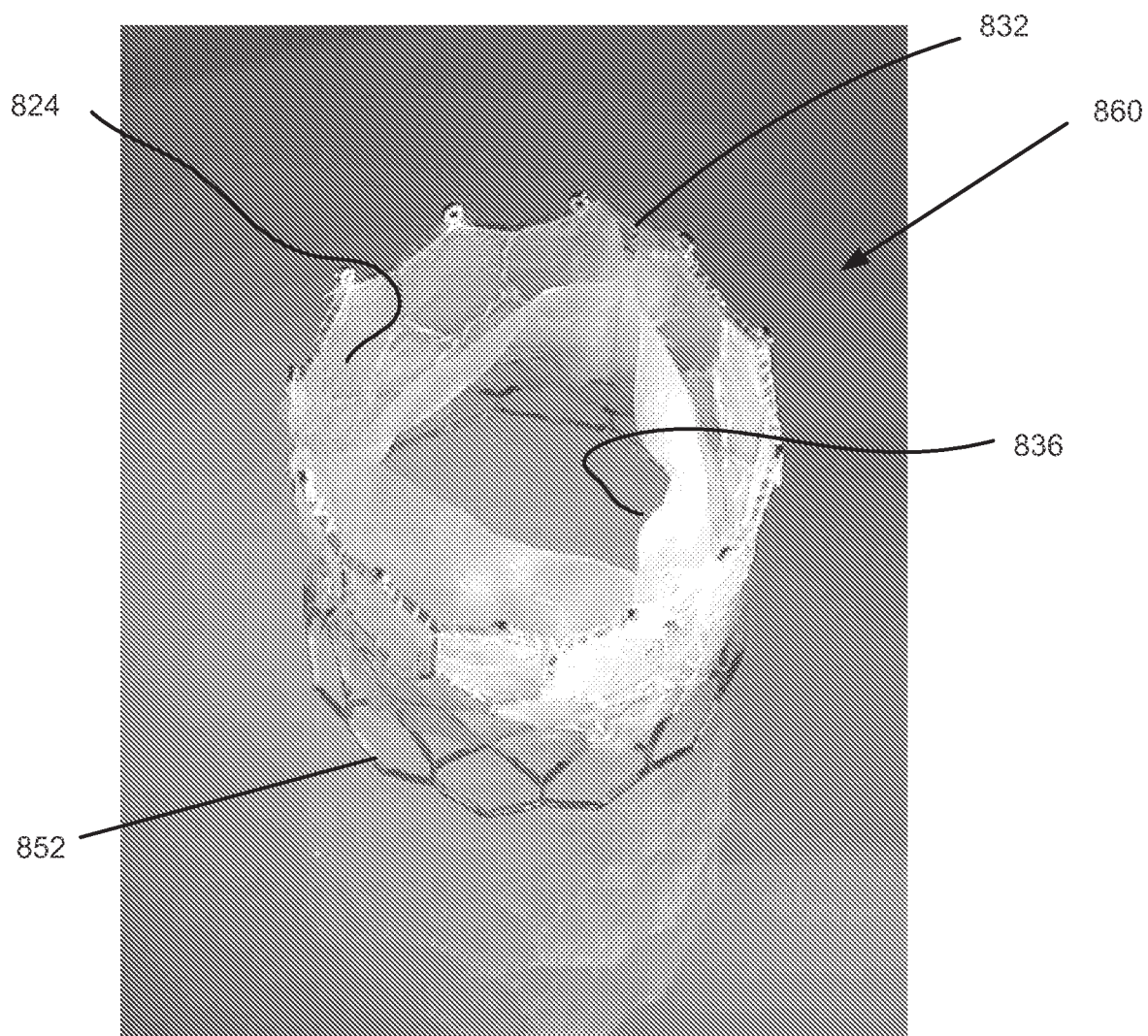


FIG.11A

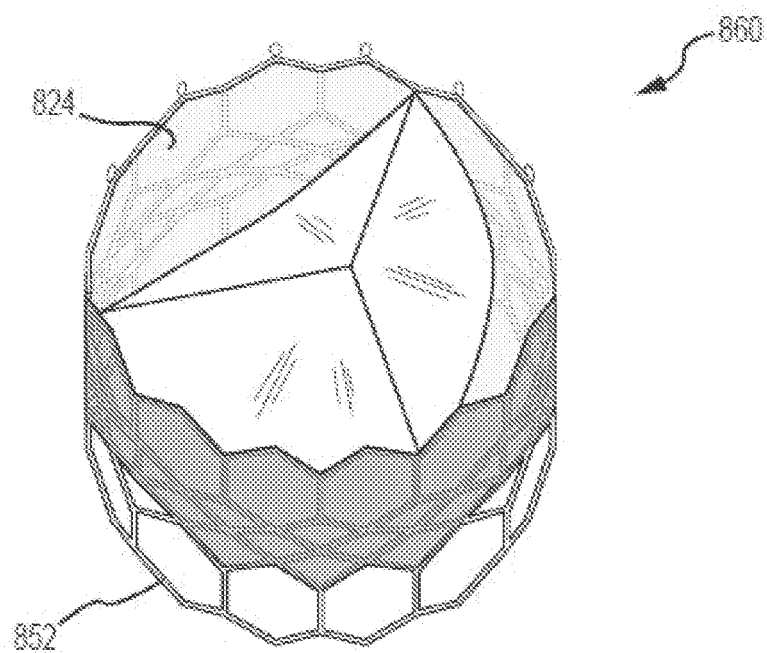


FIG. 11B

VALVE MODEL WITH EXTENDED DISTAL CUFF LAYER

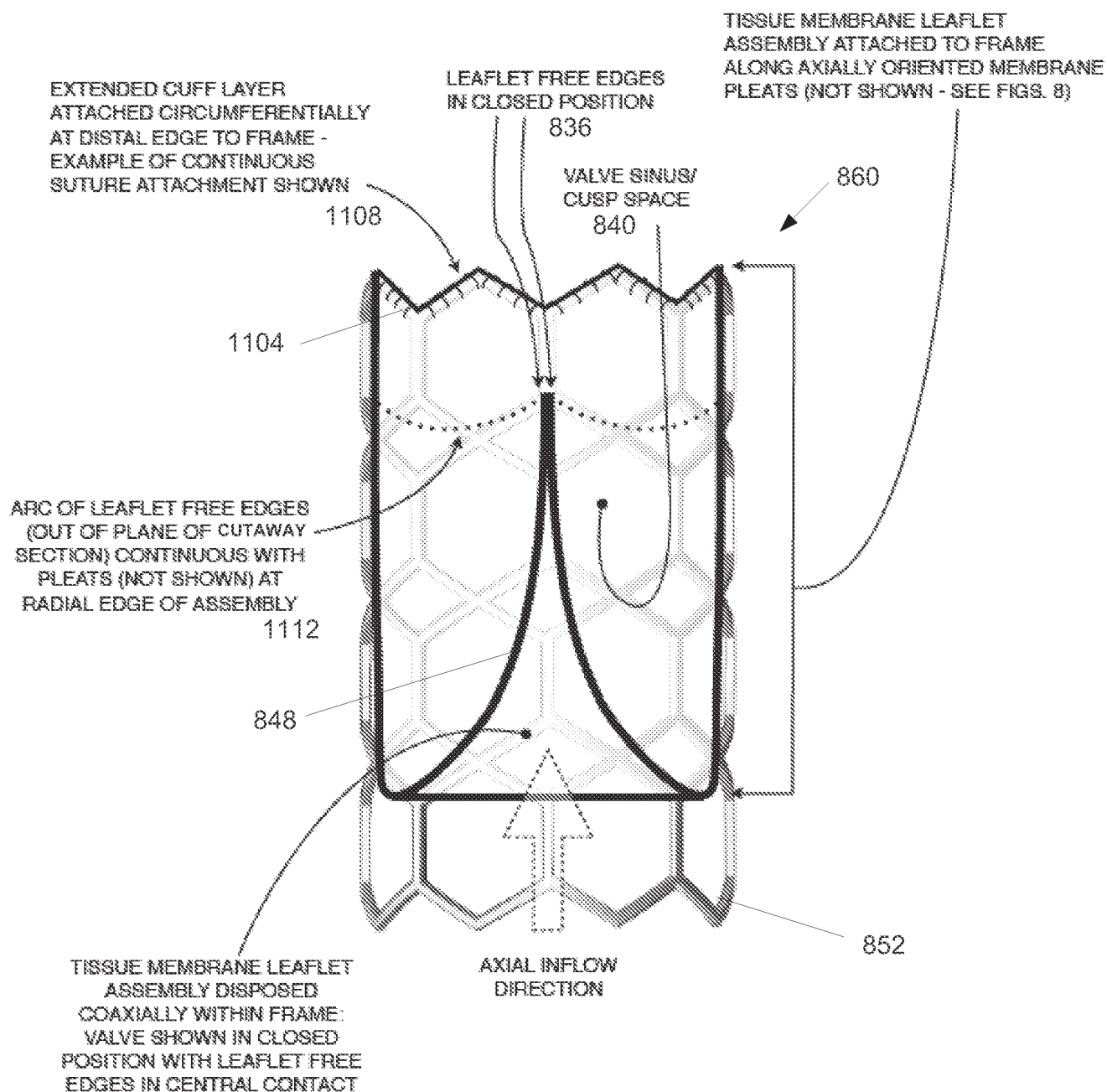


FIG. 11C

**VALVE MODEL WITHOUT
EXTENDED DISTAL CUFF
LAYER**

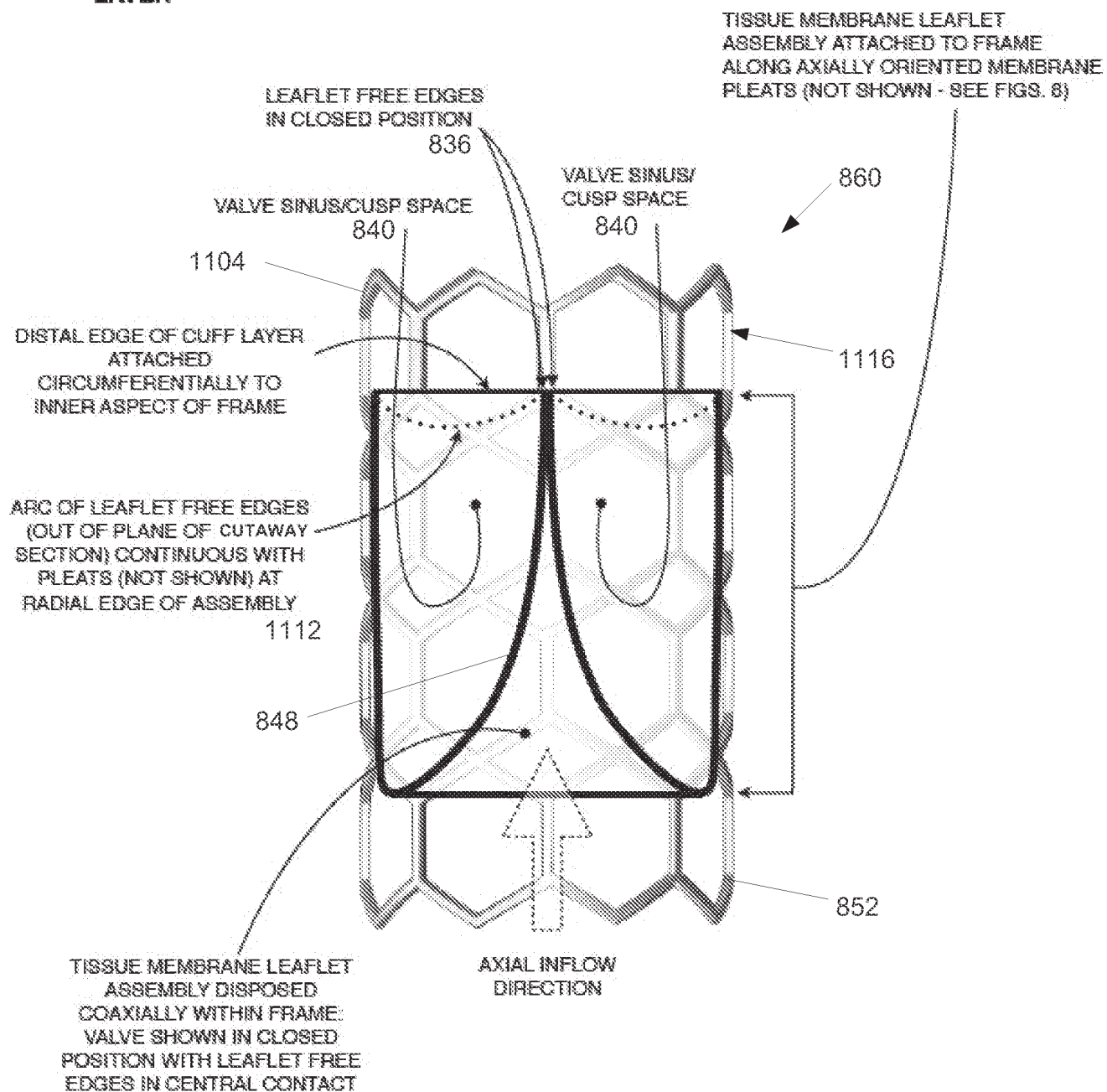


FIG. 11D

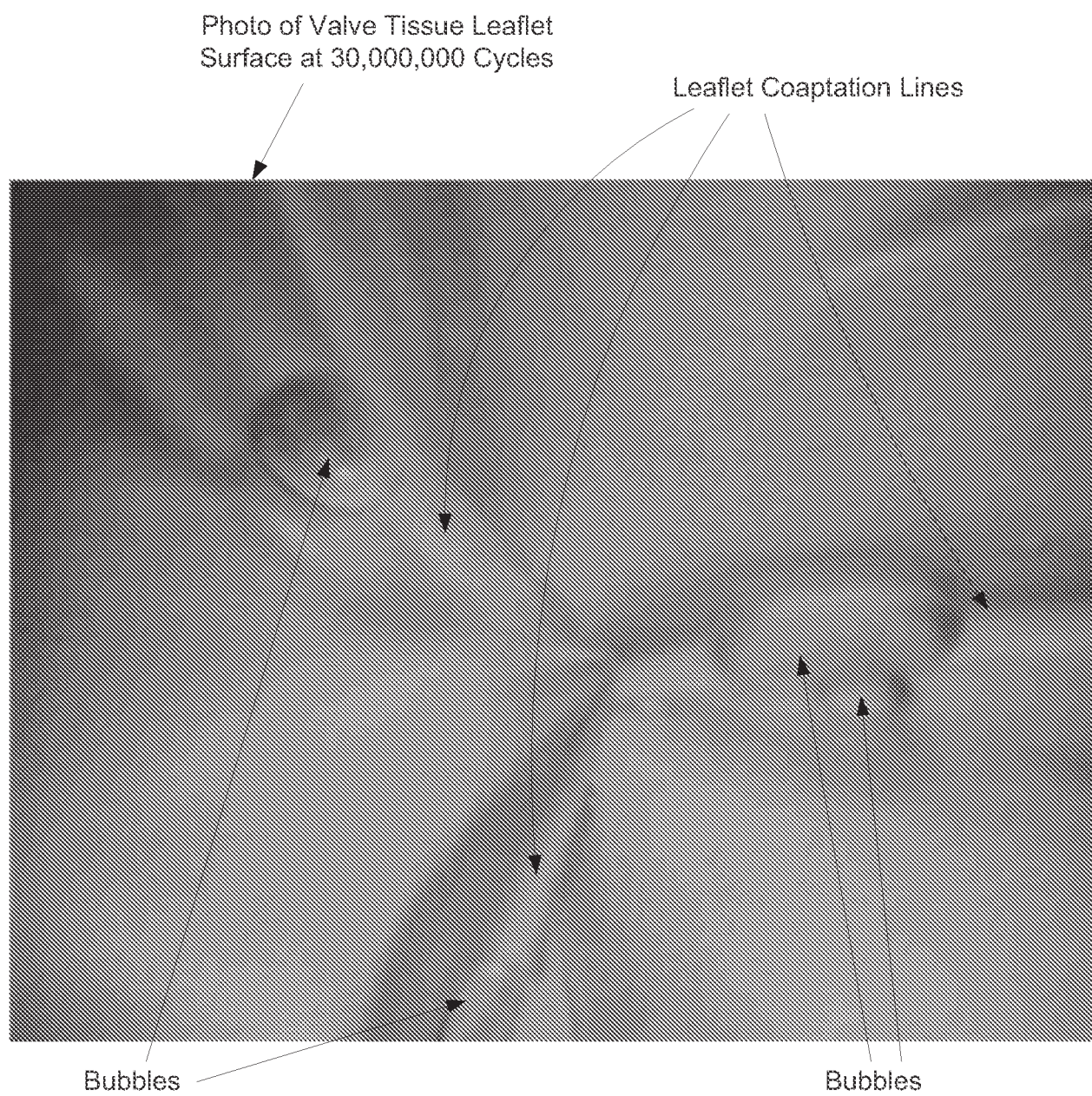


FIG.12

Surgeon Holding a Premounted Percutaneously Deliverable
Heart Valve Associated With a Catheter and Residing Within
Sterile Packaging

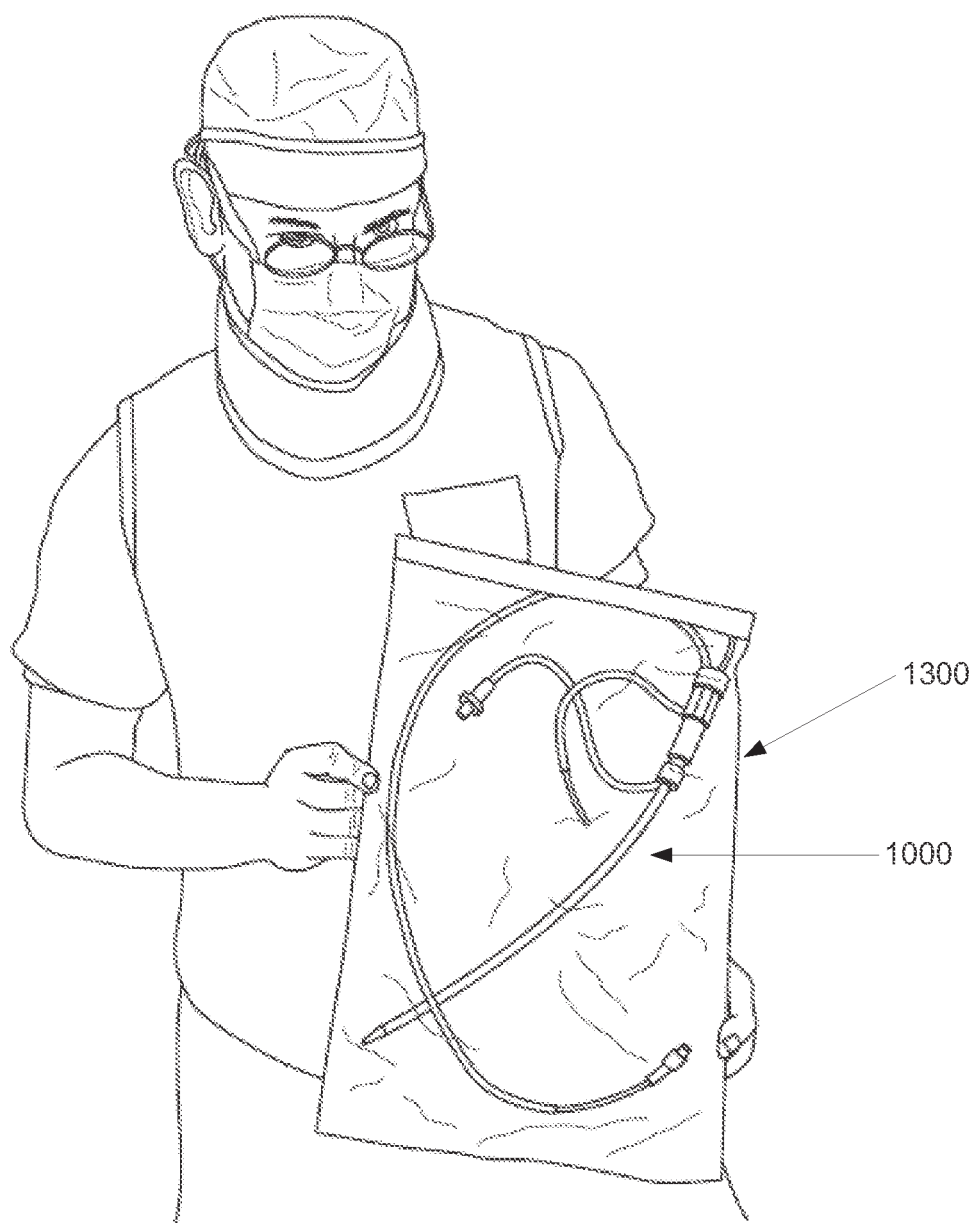


FIG.13

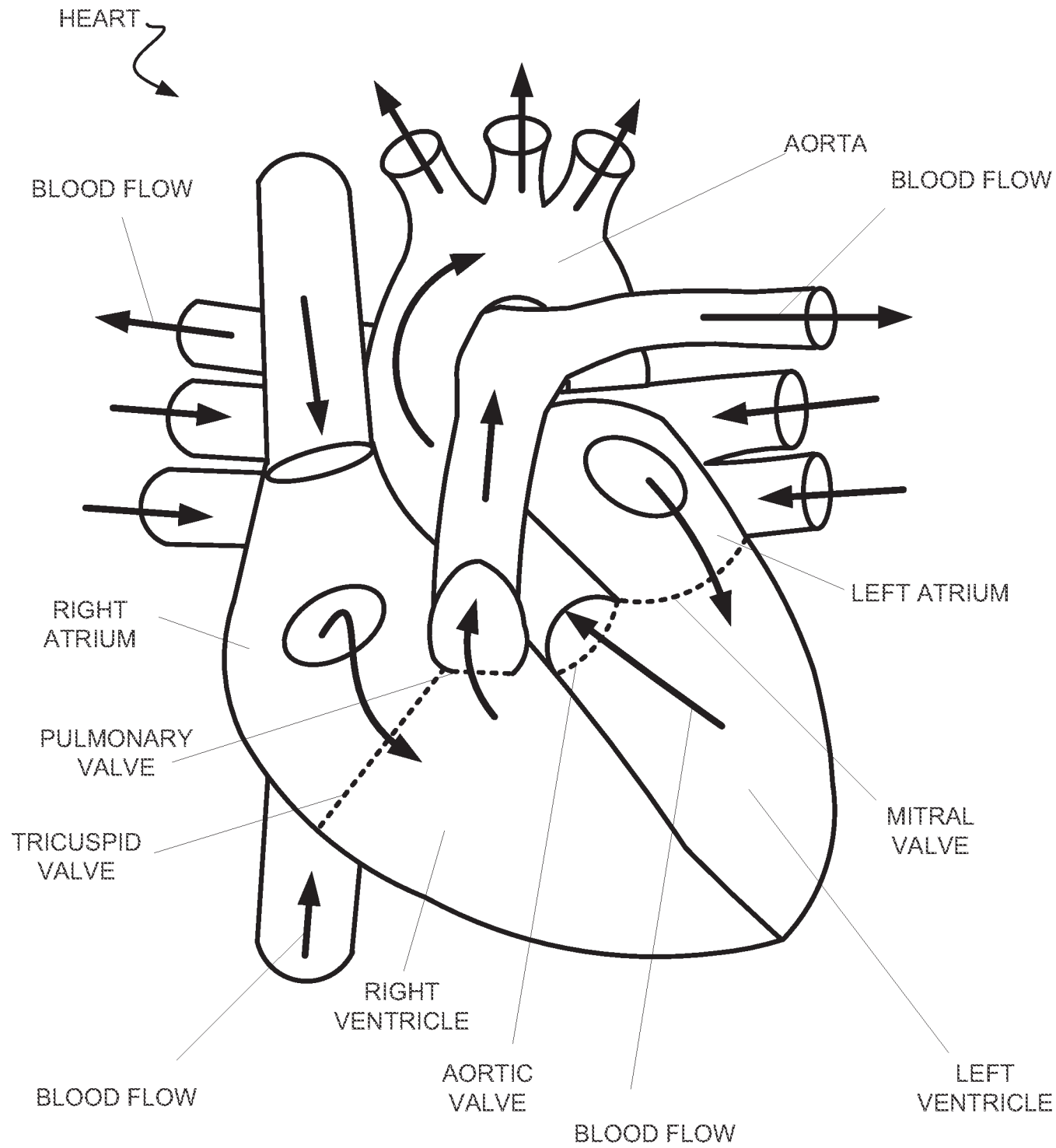


FIG.14

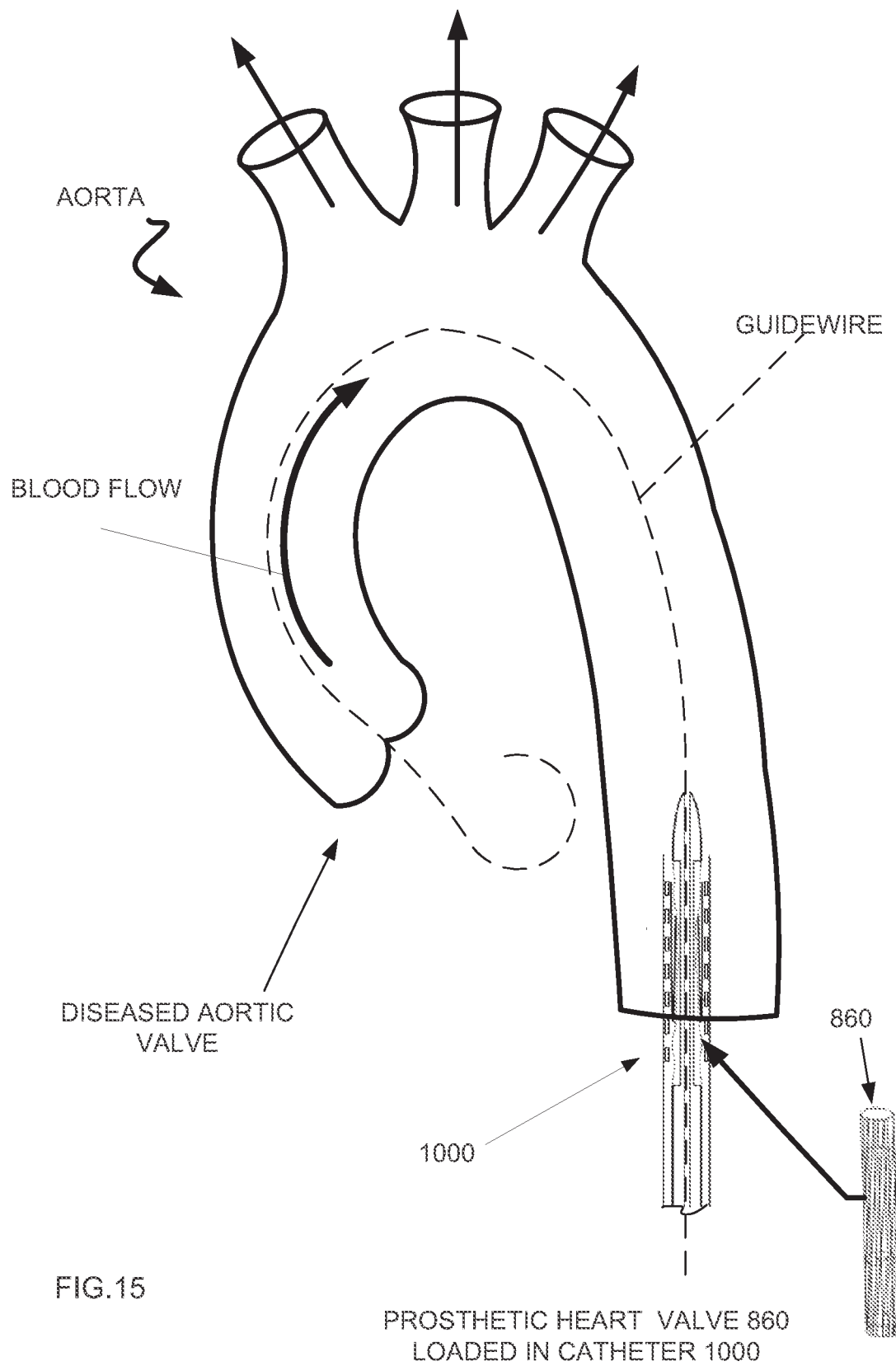


FIG.15

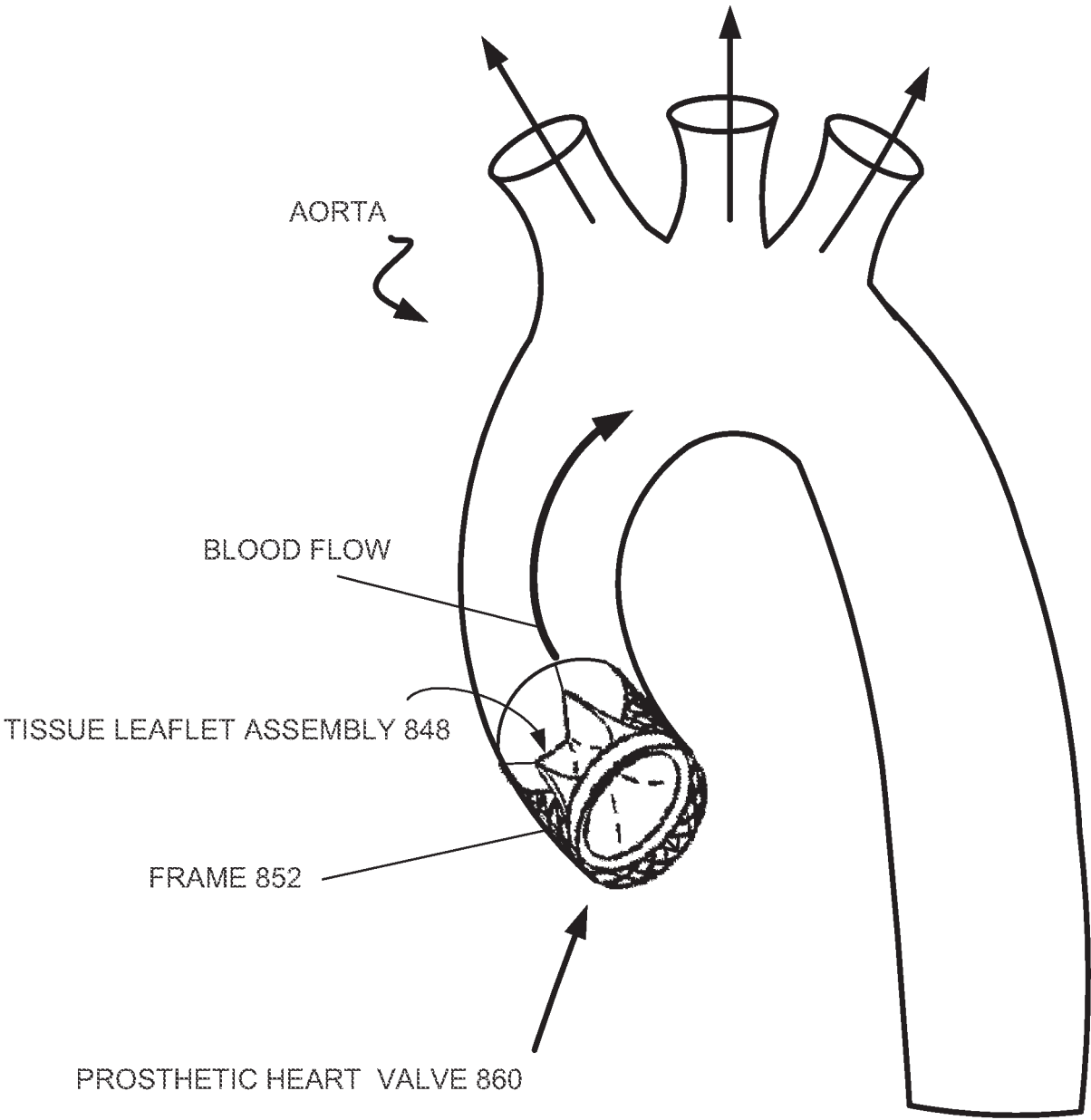


FIG. 16