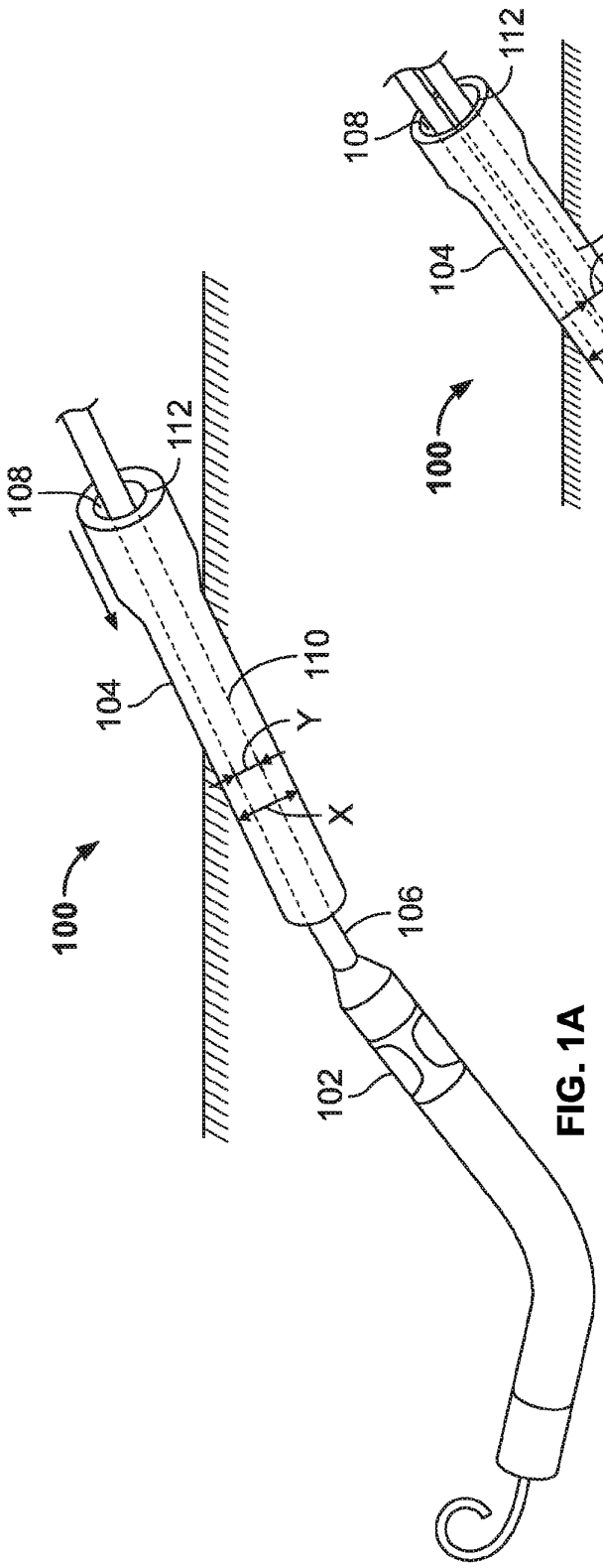


FIG. 1A

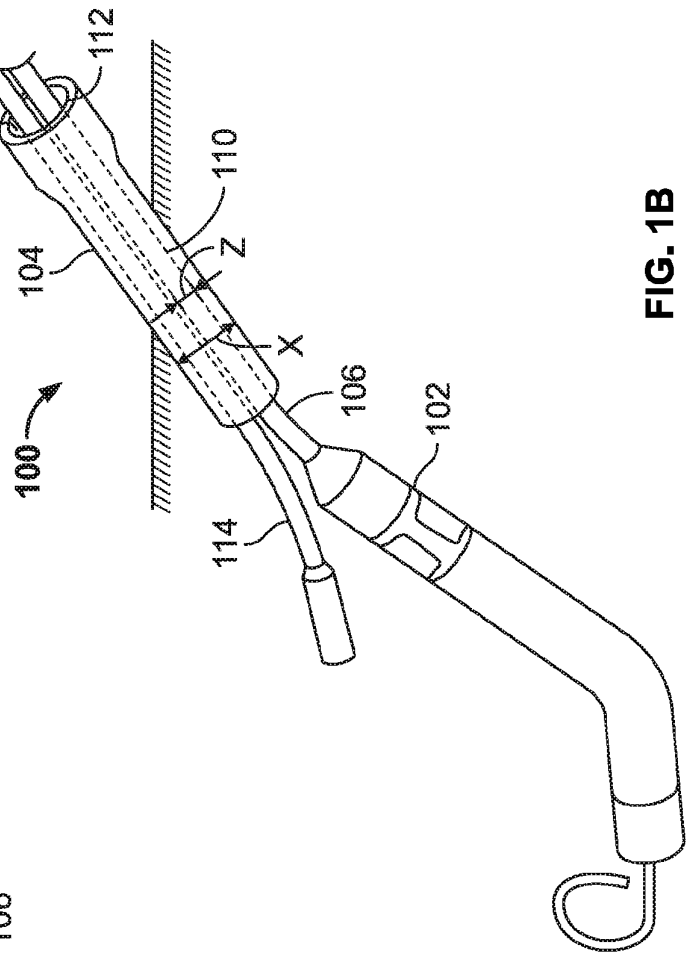


FIG. 1B

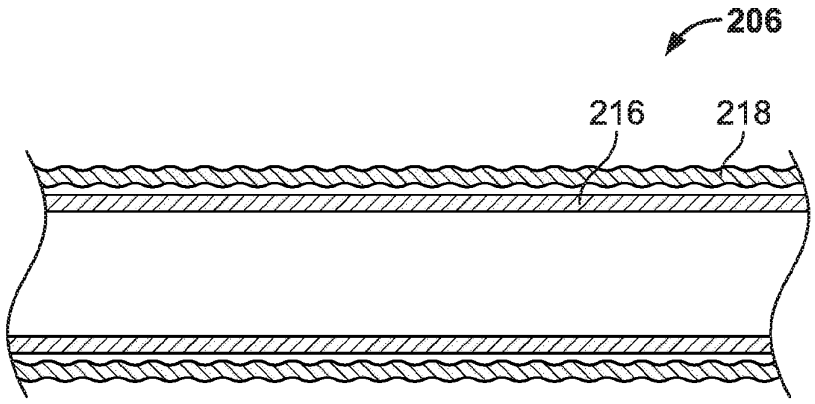


FIG. 2

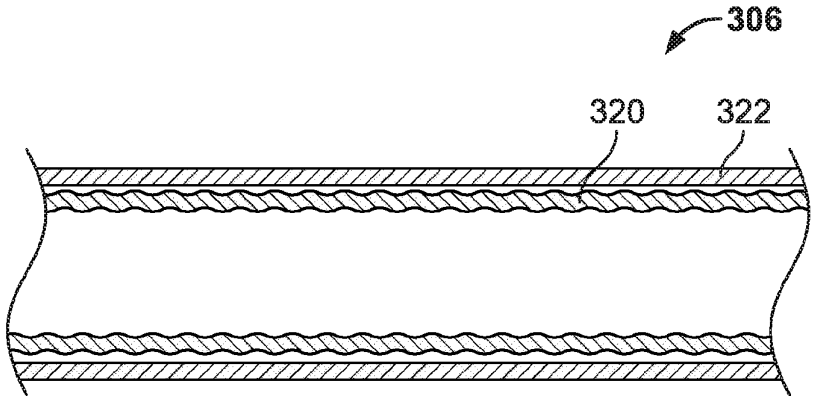


FIG. 3

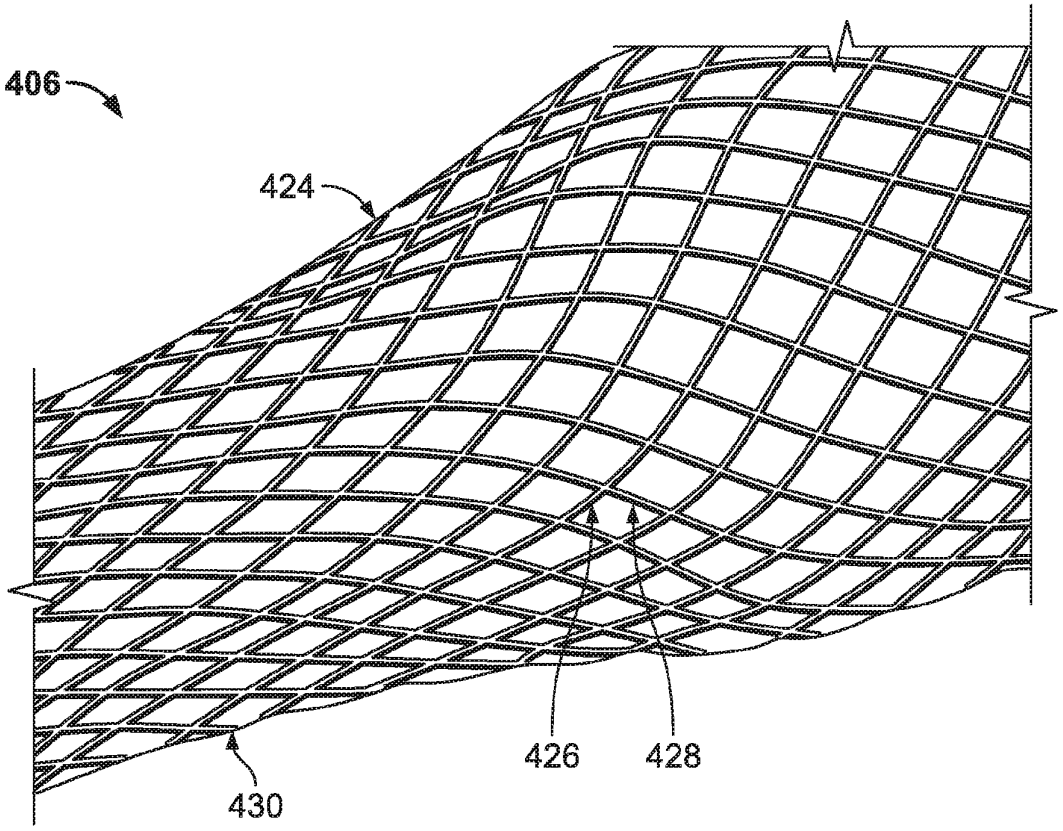


FIG. 4

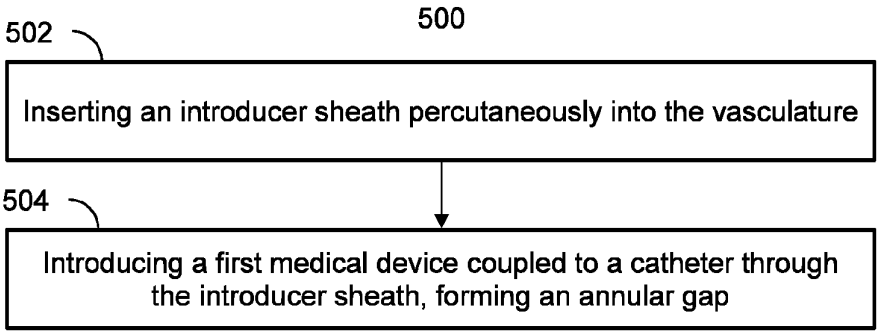

500
502
Inserting an introducer sheath percutaneously into the vasculature
504
Introducing a first medical device coupled to a catheter through the introducer sheath, forming an annular gap

FIG. 5

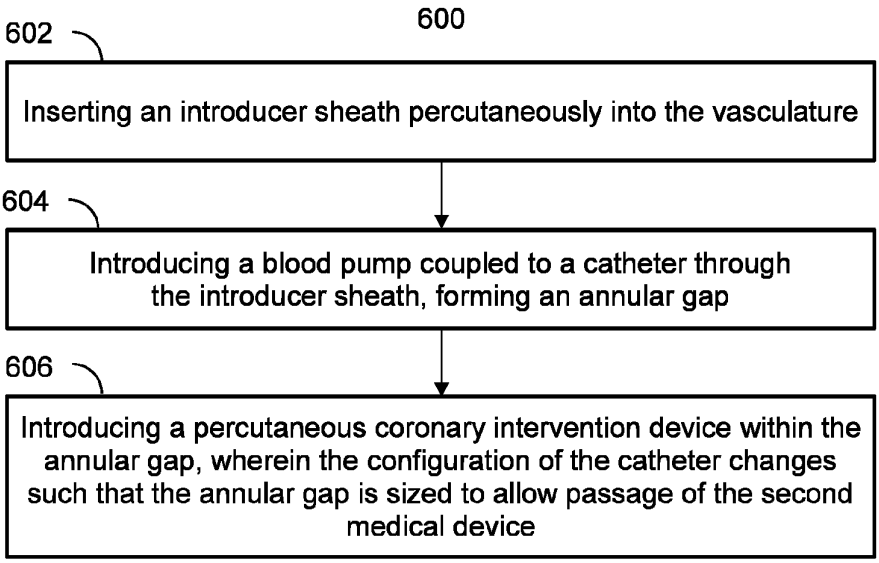

600
602
Inserting an introducer sheath percutaneously into the vasculature
604
Introducing a blood pump coupled to a catheter through the introducer sheath, forming an annular gap
606
Introducing a percutaneous coronary intervention device within the annular gap, wherein the configuration of the catheter changes such that the annular gap is sized to allow passage of the second medical device

FIG. 6

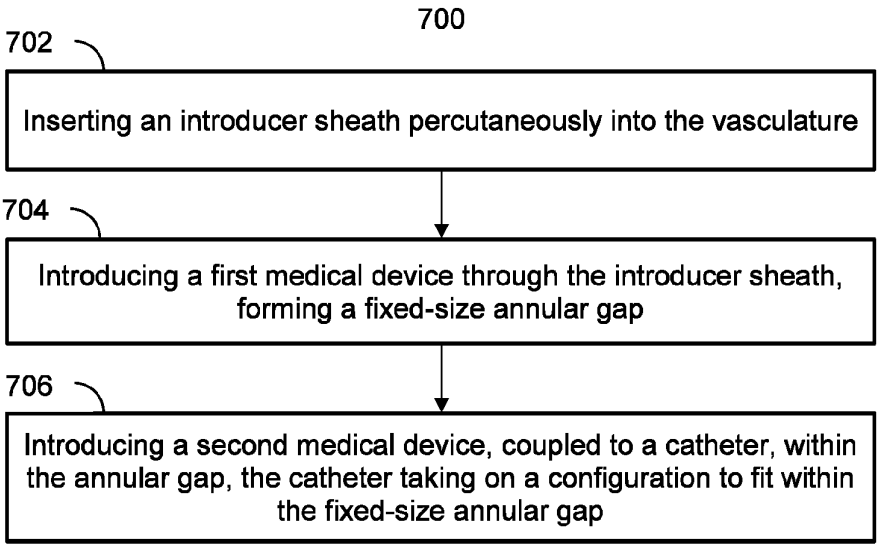

700
702
Inserting an introducer sheath percutaneously into the vasculature
704
Introducing a first medical device through the introducer sheath, forming a fixed-size annular gap
706
Introducing a second medical device, coupled to a catheter, within the annular gap, the catheter taking on a configuration to fit within the fixed-size annular gap

FIG. 7

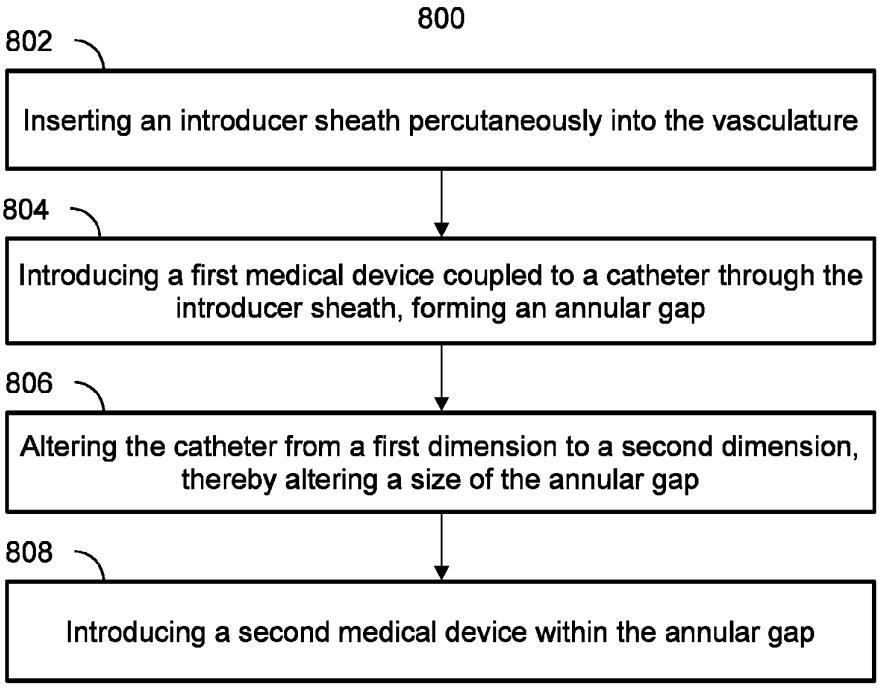

800
802
Inserting an introducer sheath percutaneously into the vasculature
804
Introducing a first medical device coupled to a catheter through the introducer sheath, forming an annular gap
806
Altering the catheter from a first dimension to a second dimension, thereby altering a size of the annular gap
808
Introducing a second medical device within the annular gap

FIG. 8