

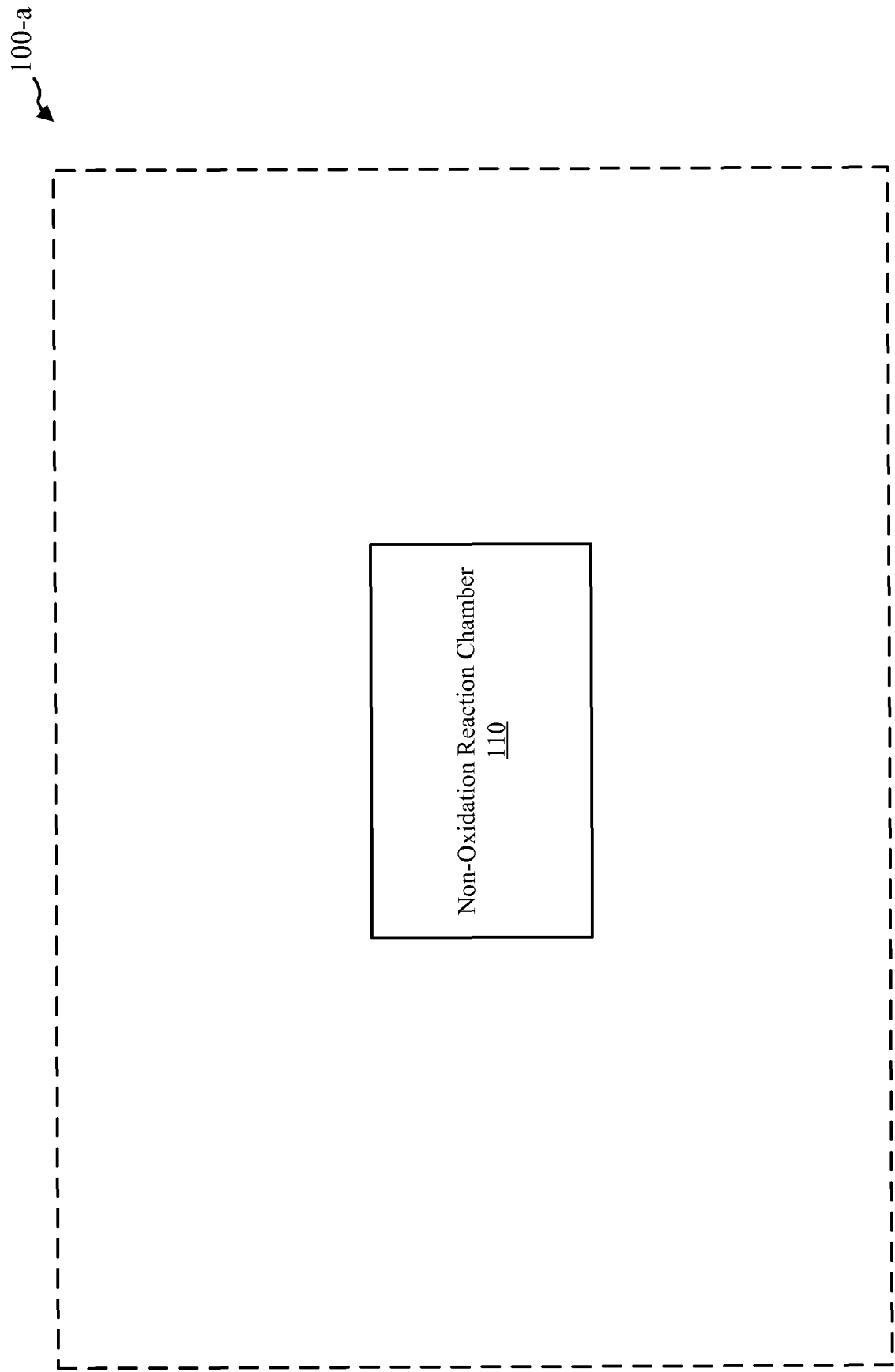


FIG. 1A

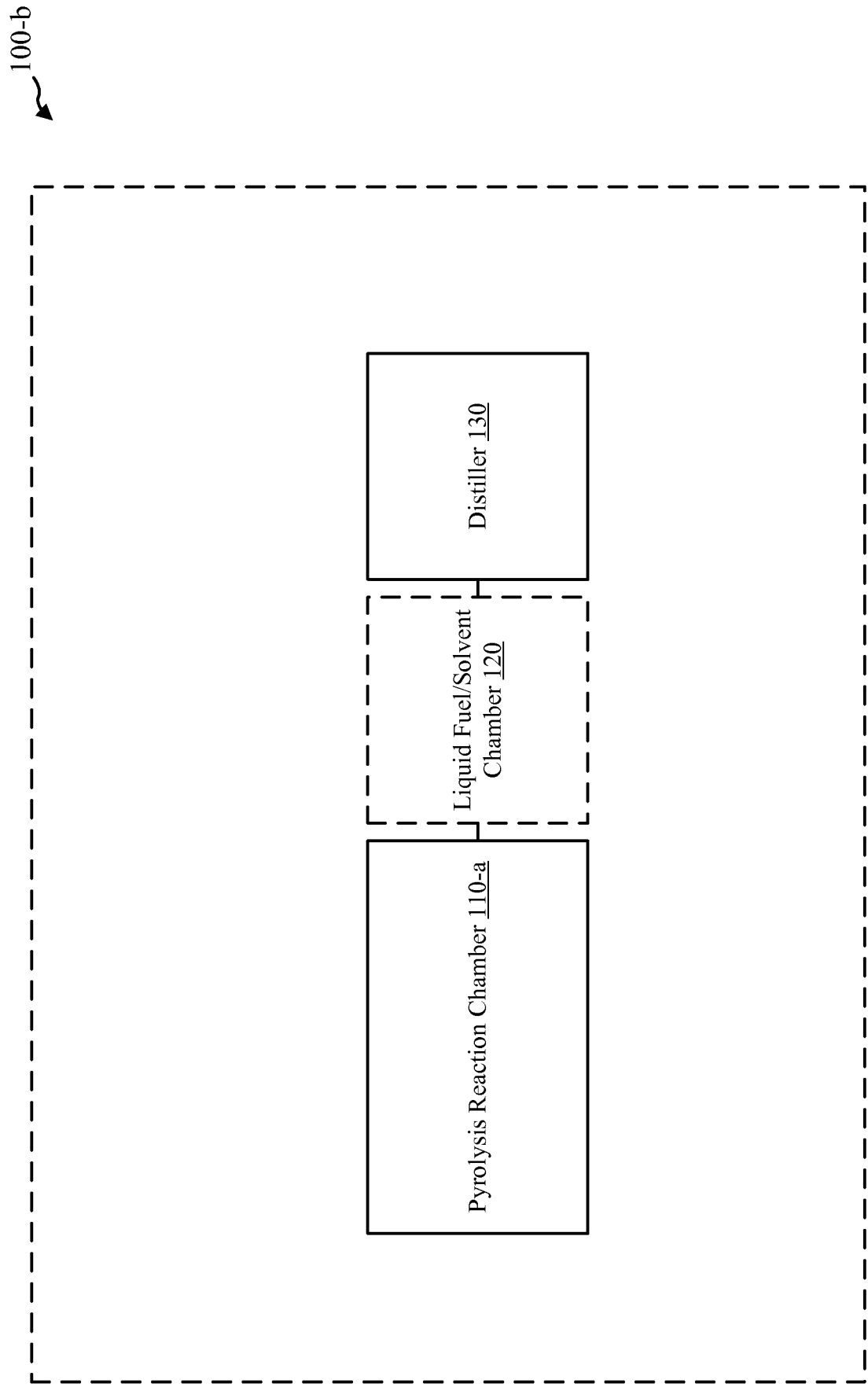


FIG. 1B

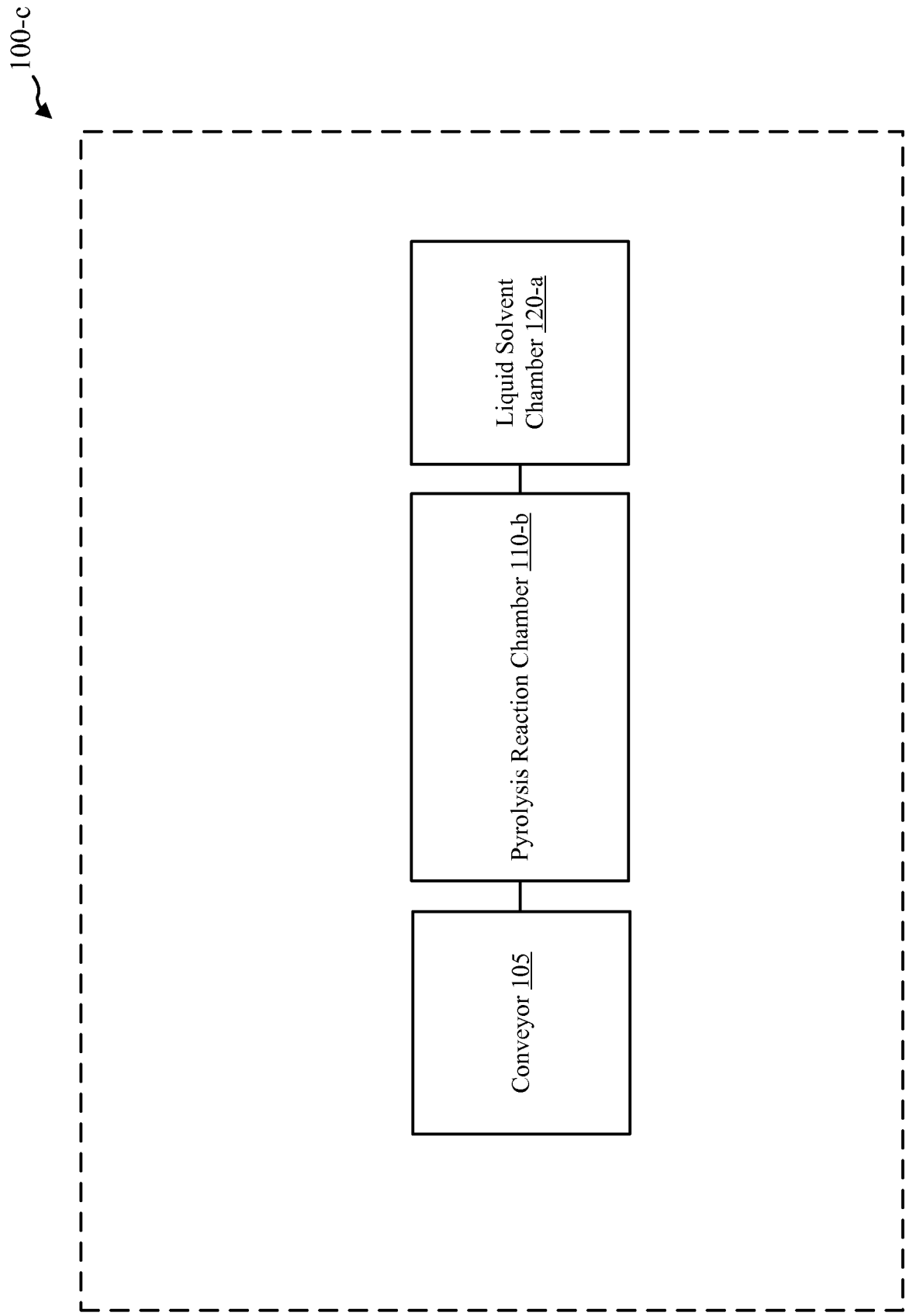


FIG. 1C

100-d

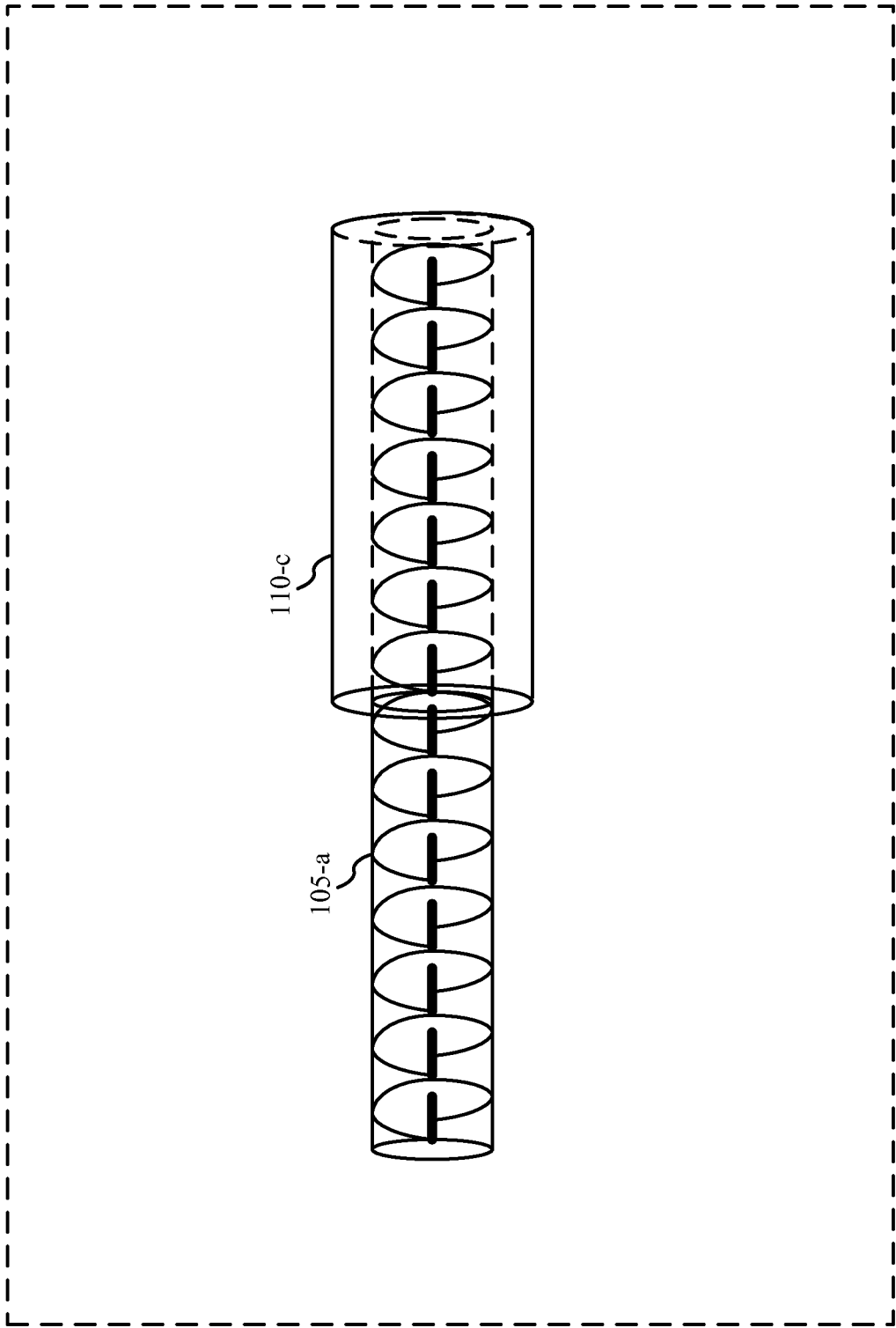


FIG. 1D

100-e

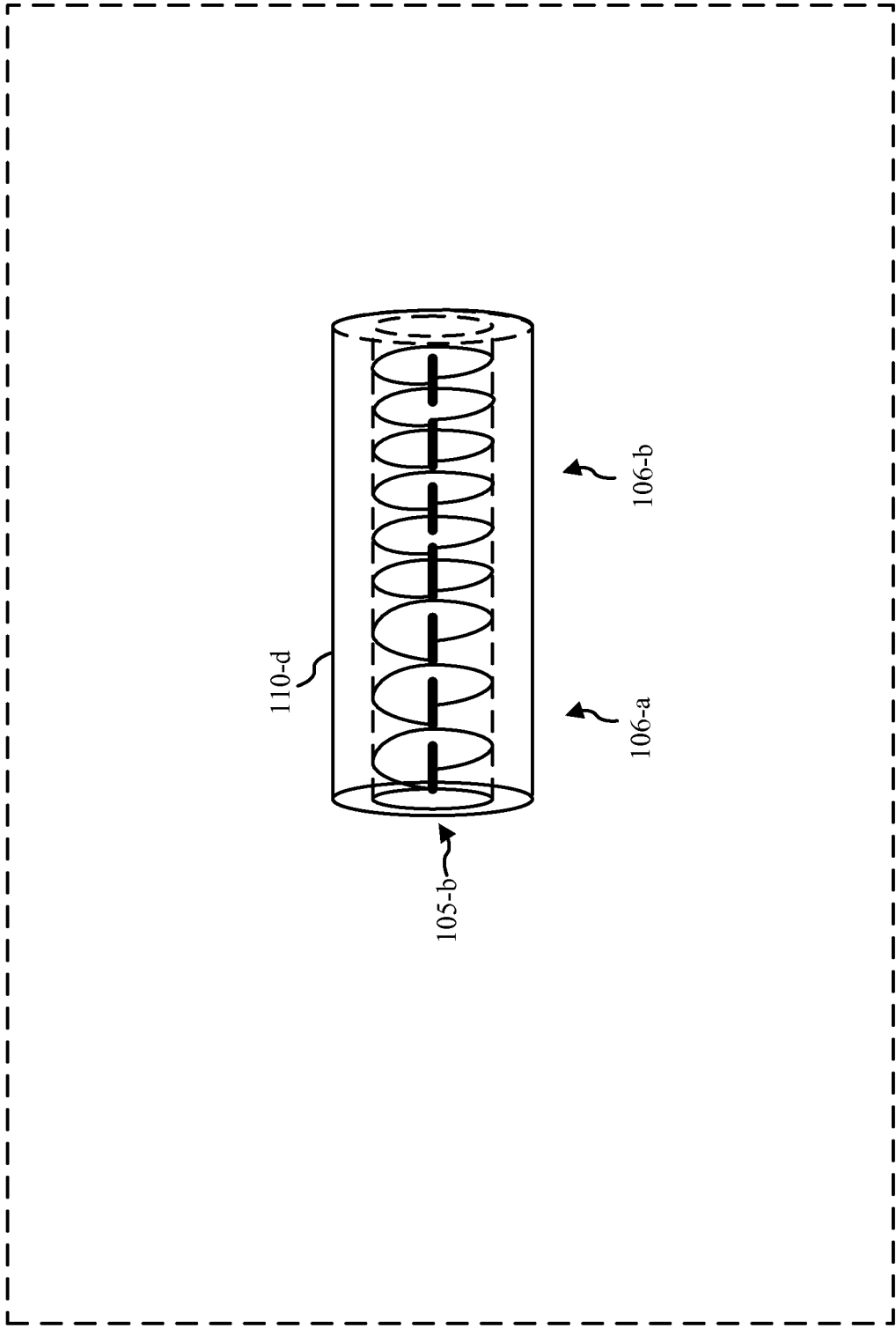


FIG. 1E

200-a

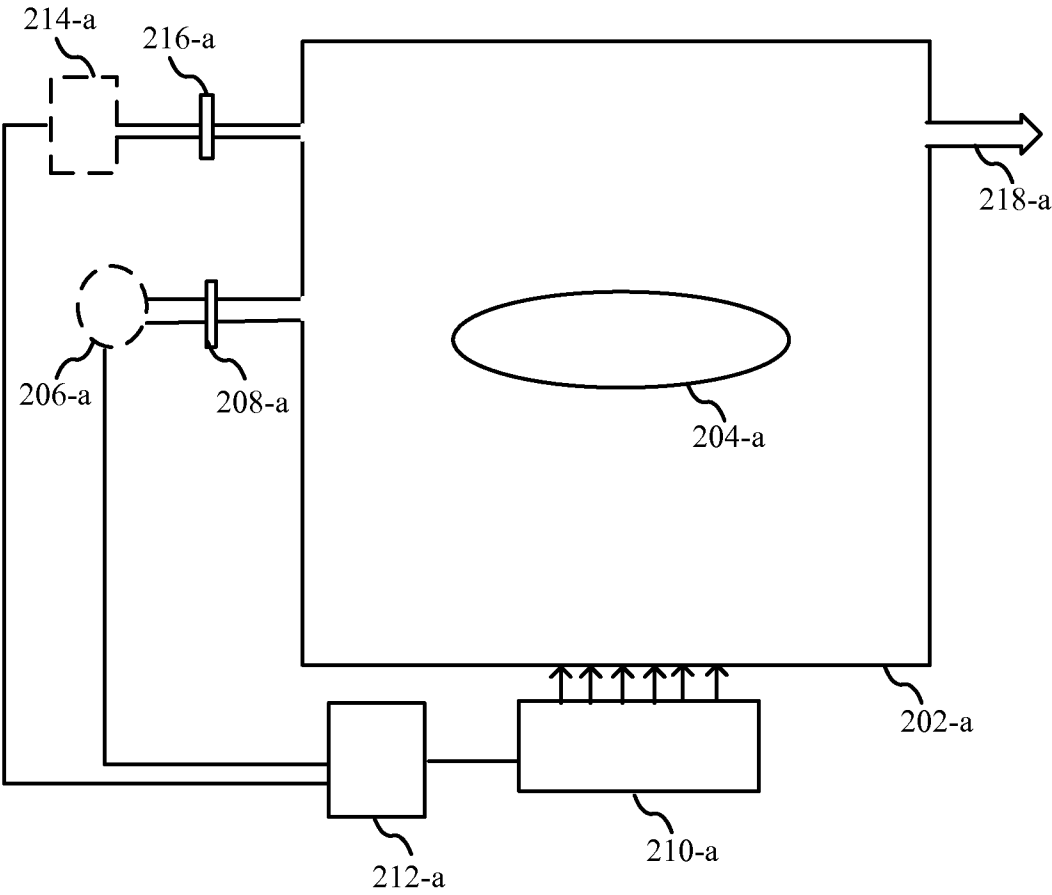


FIG. 2A

200-b

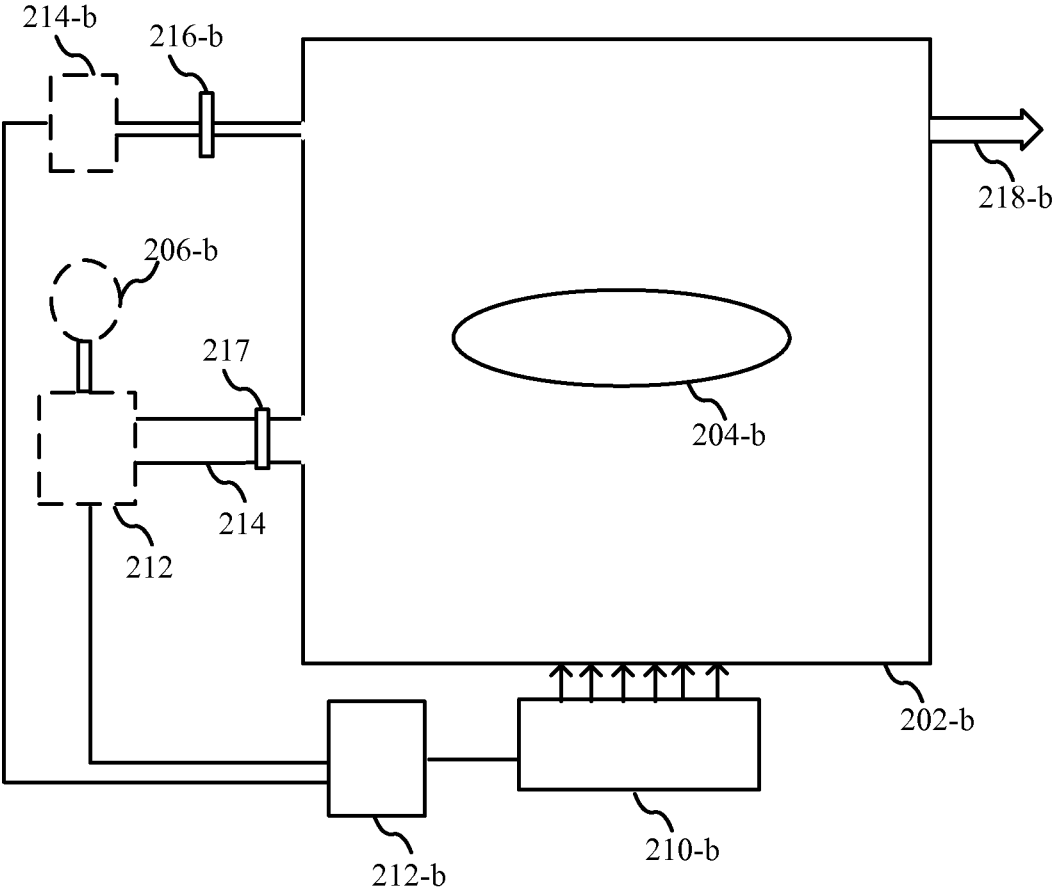


FIG. 2B

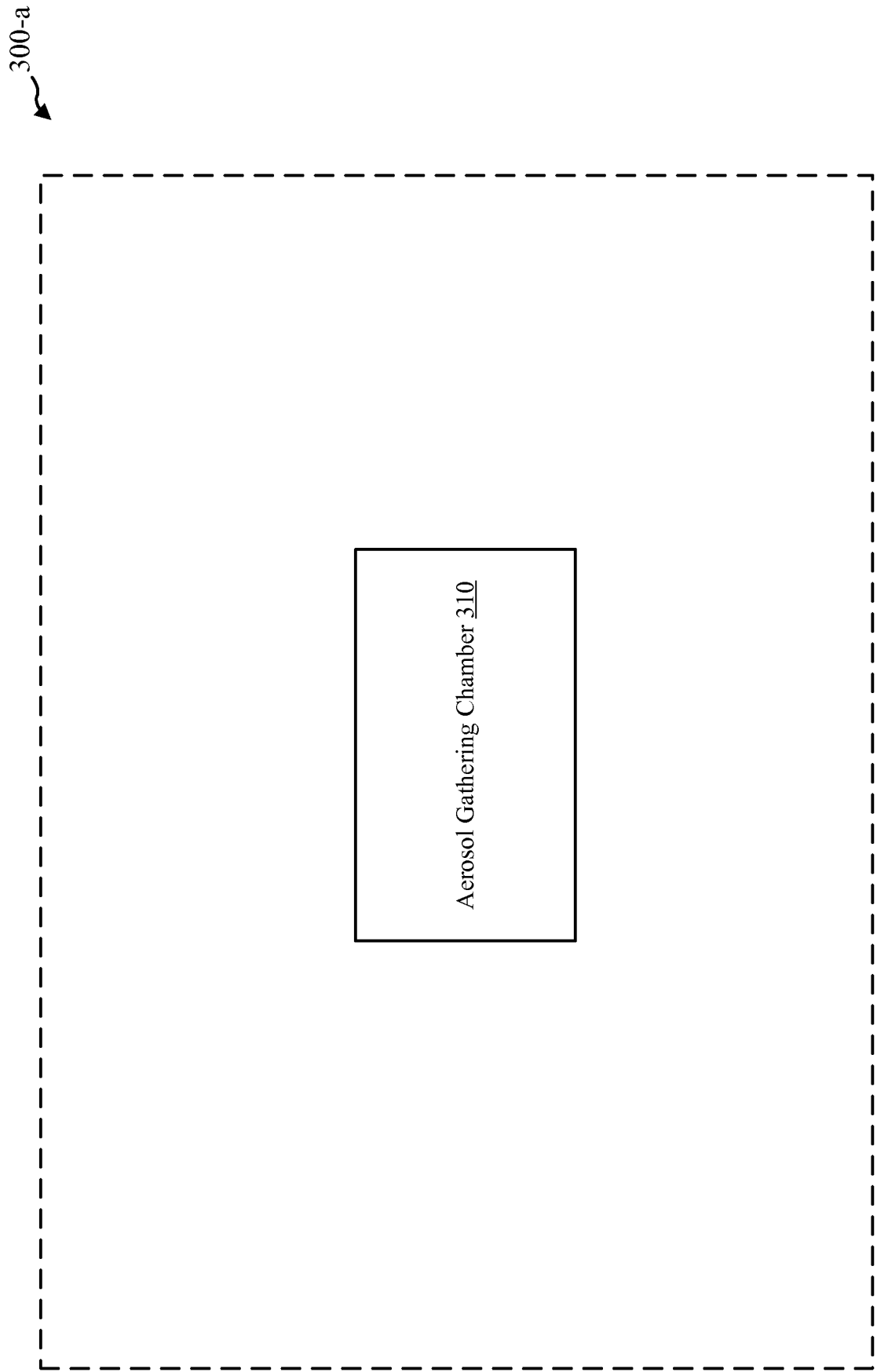


FIG. 3A

300-b

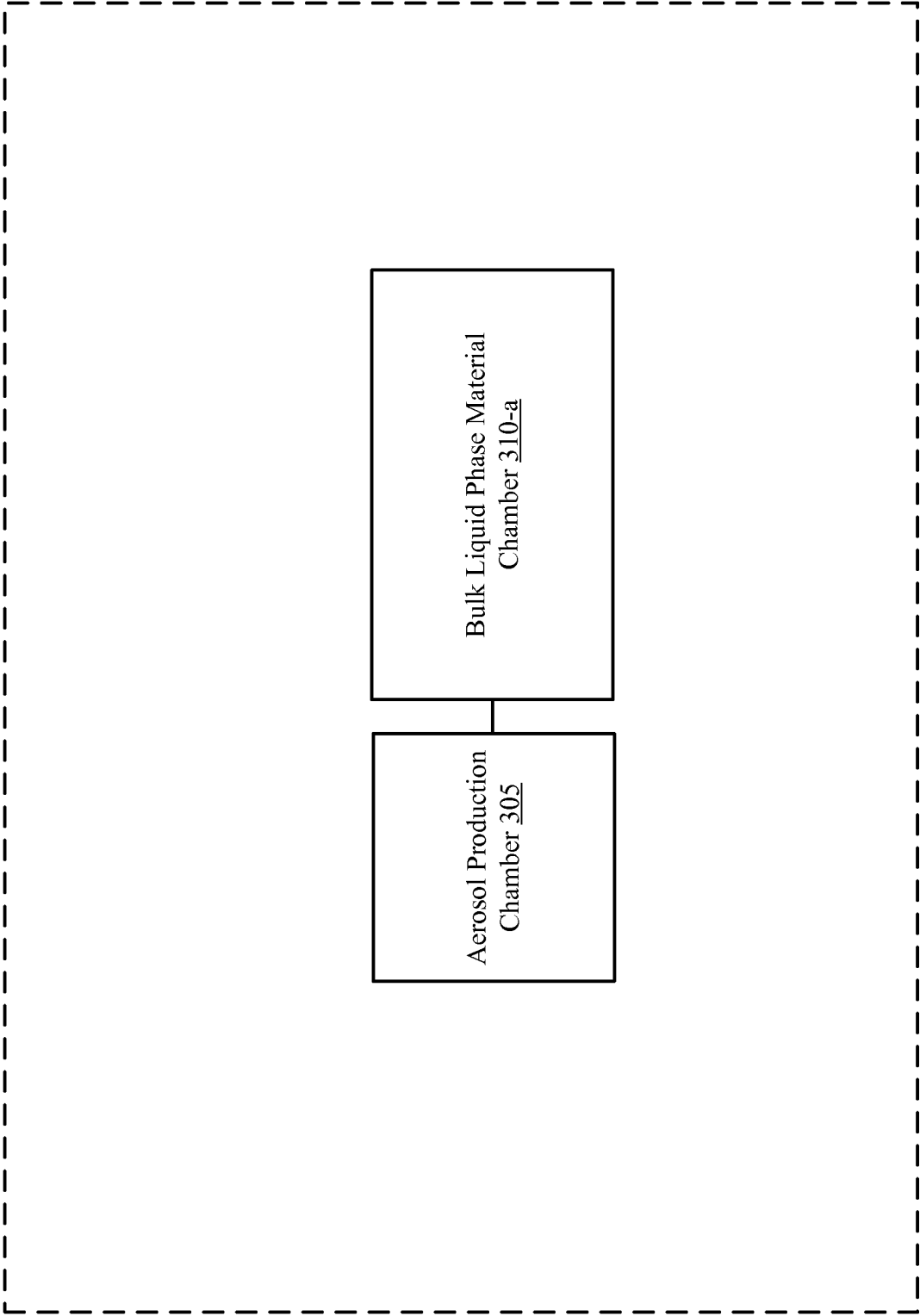


FIG. 3B

300-c

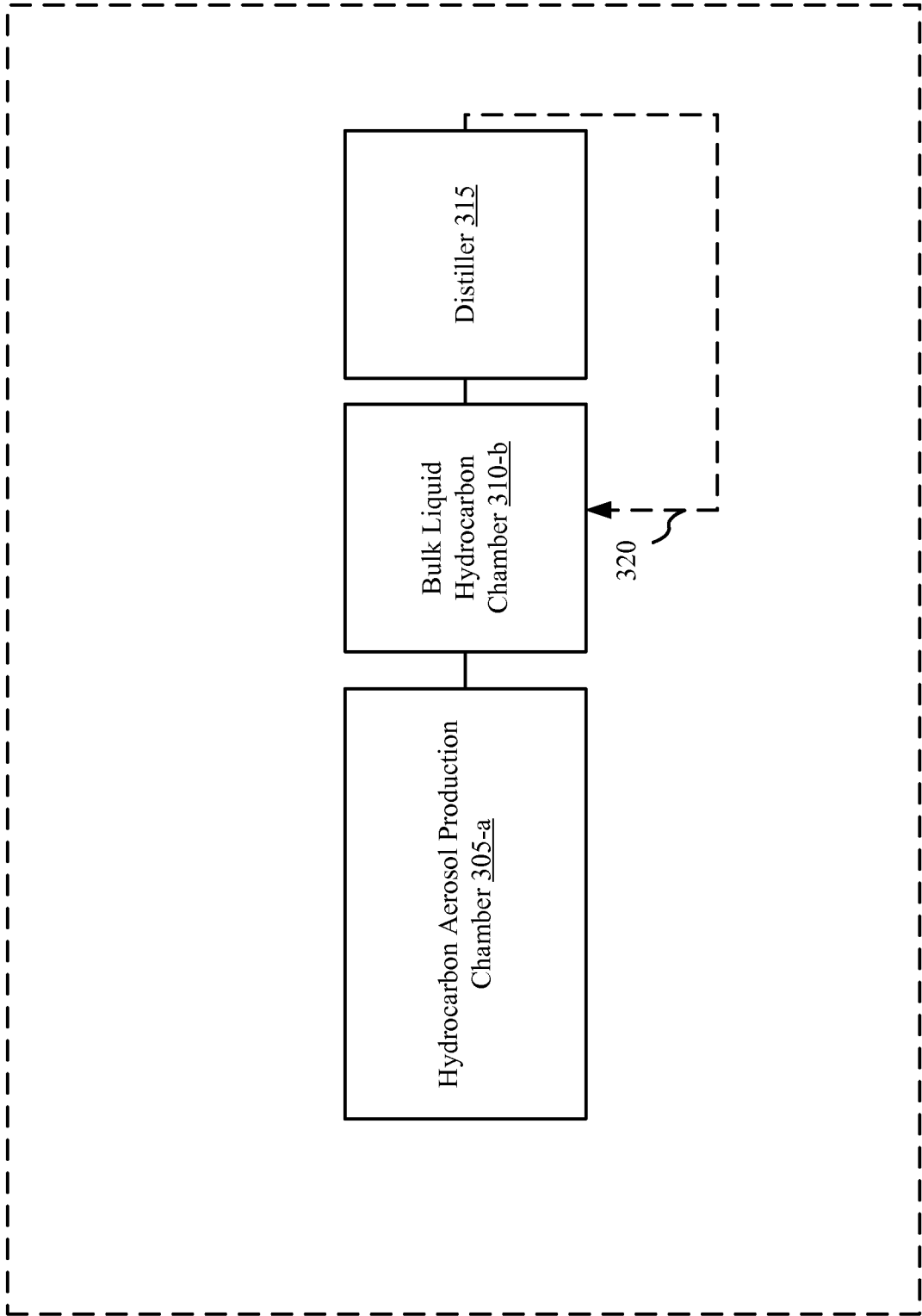


FIG. 3C

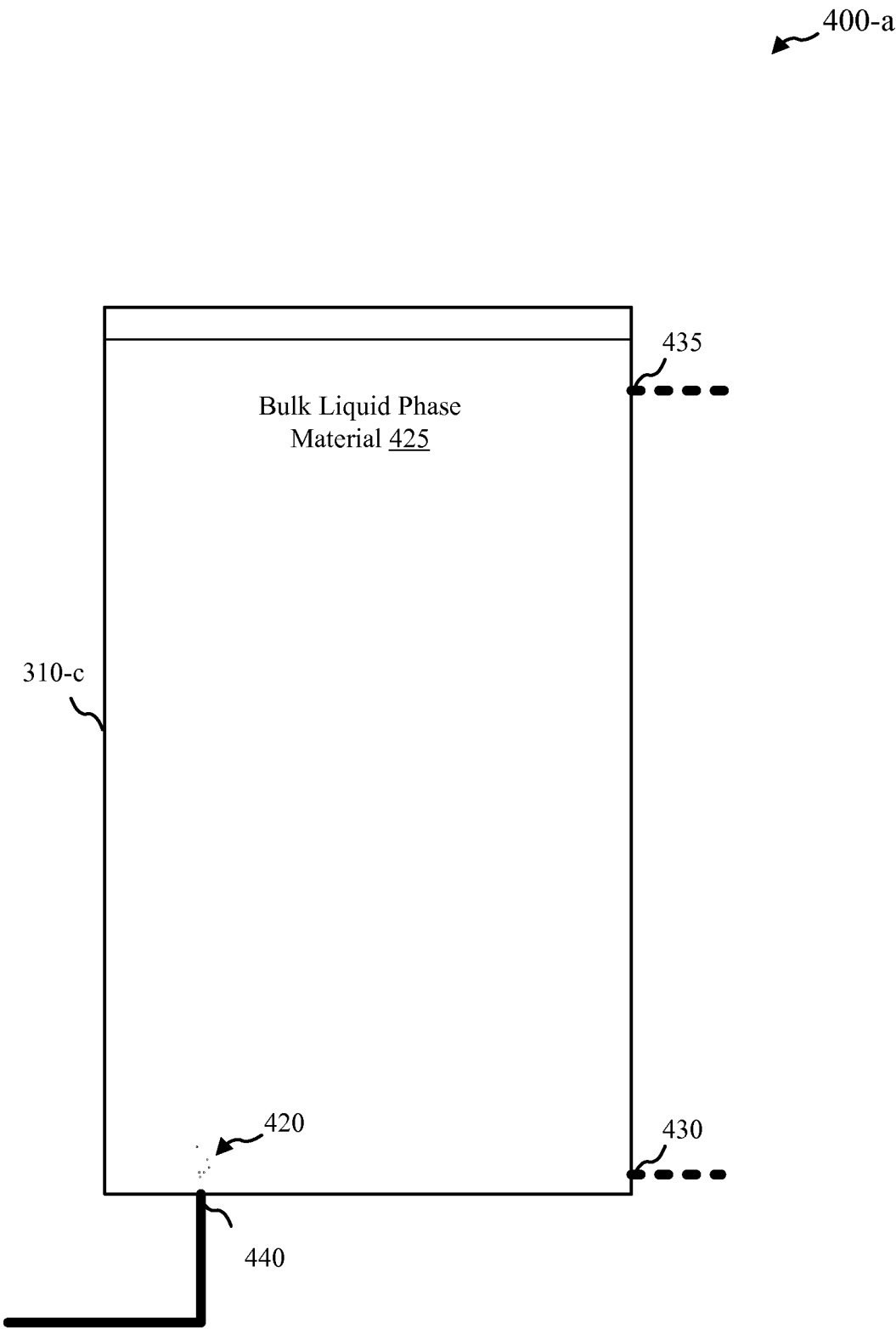


FIG. 4A

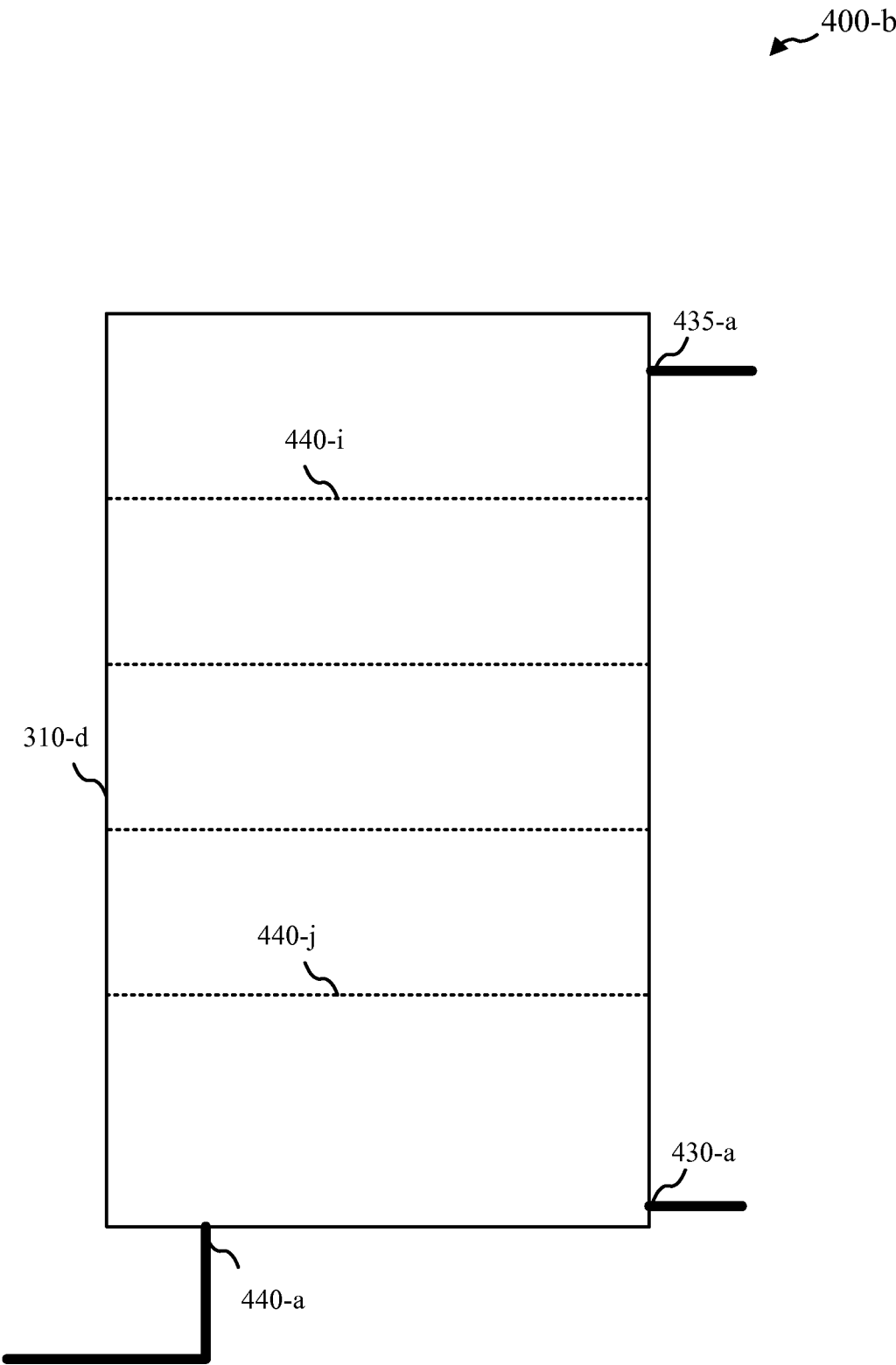


FIG. 4B

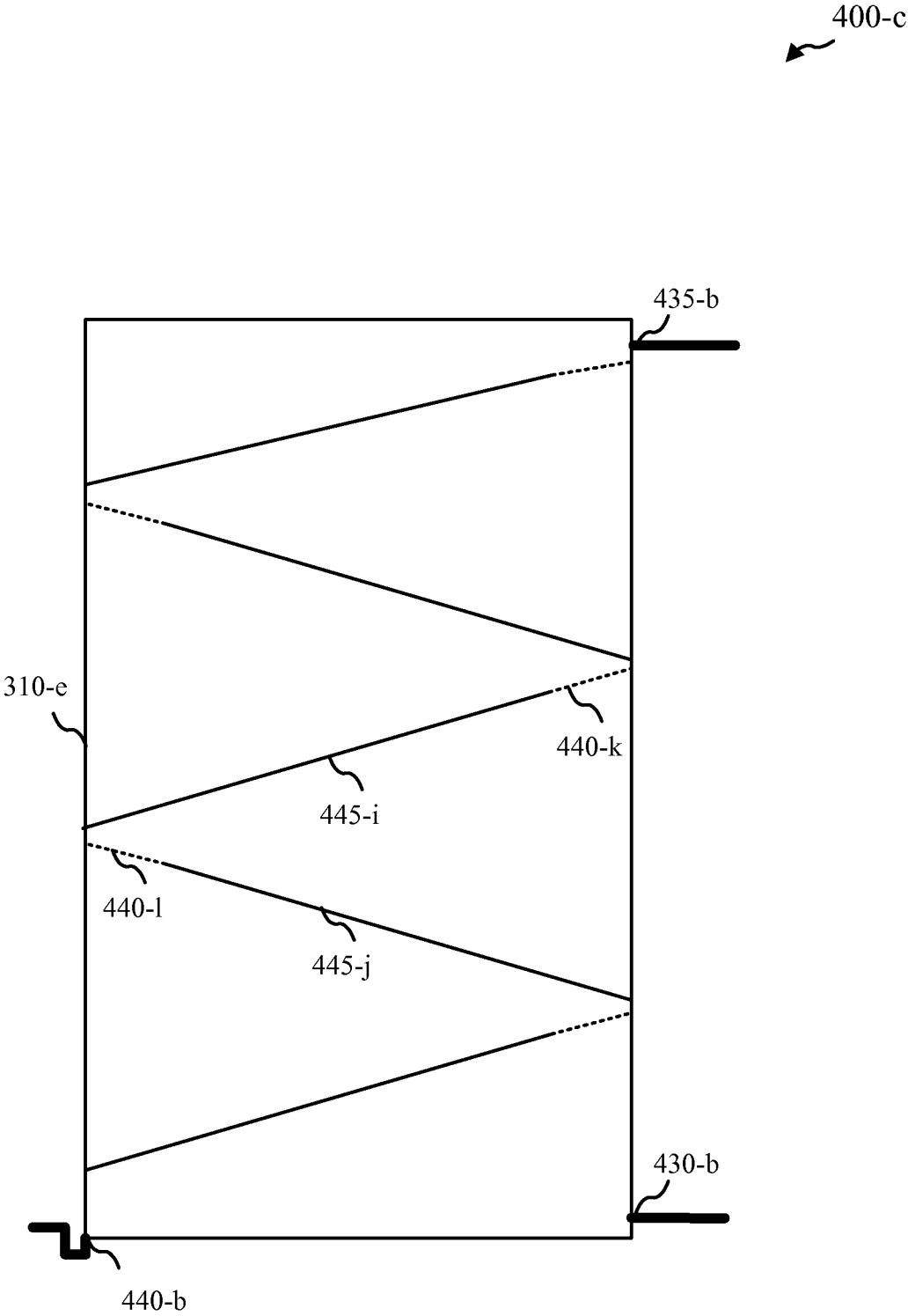


FIG. 4C

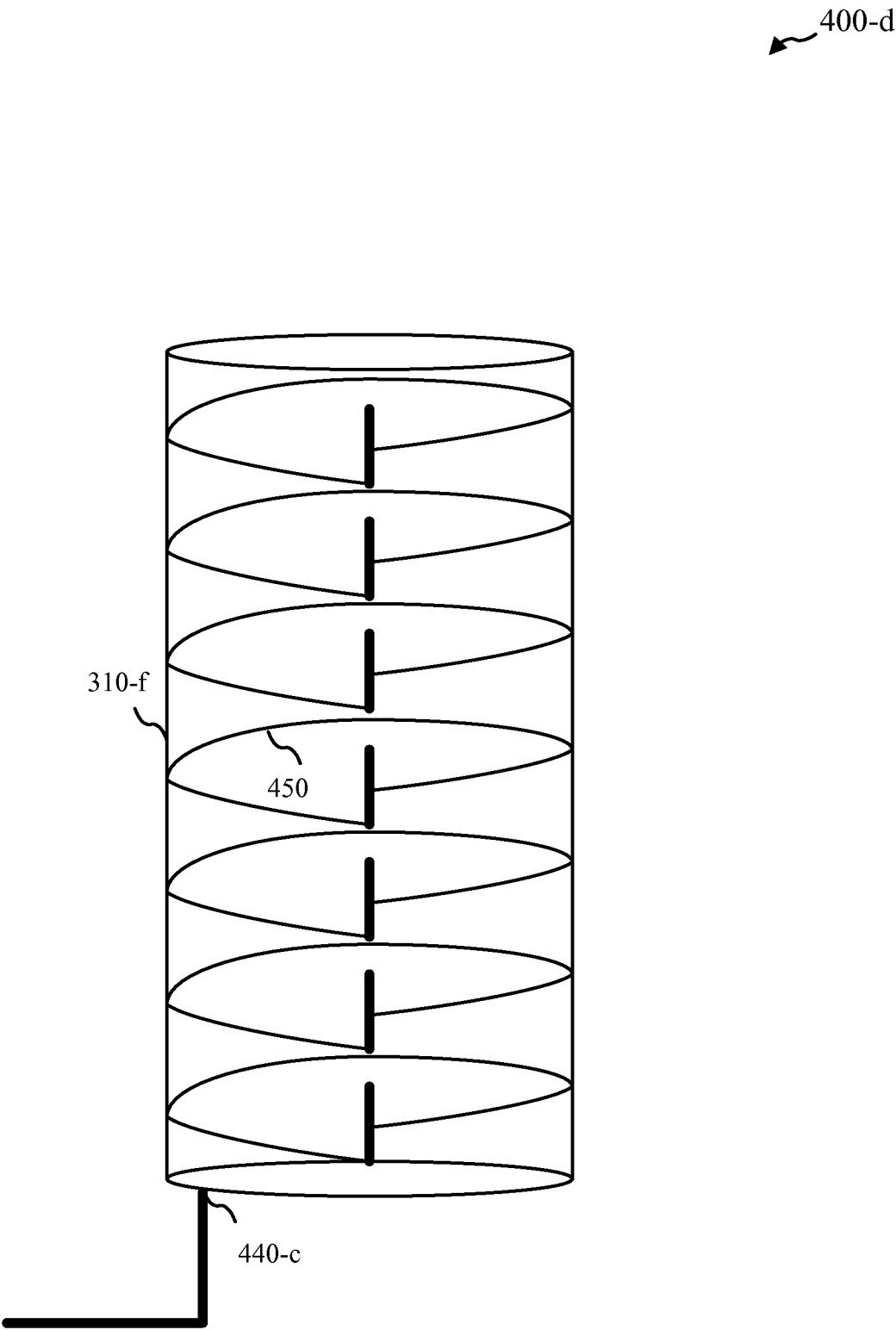


FIG. 4D

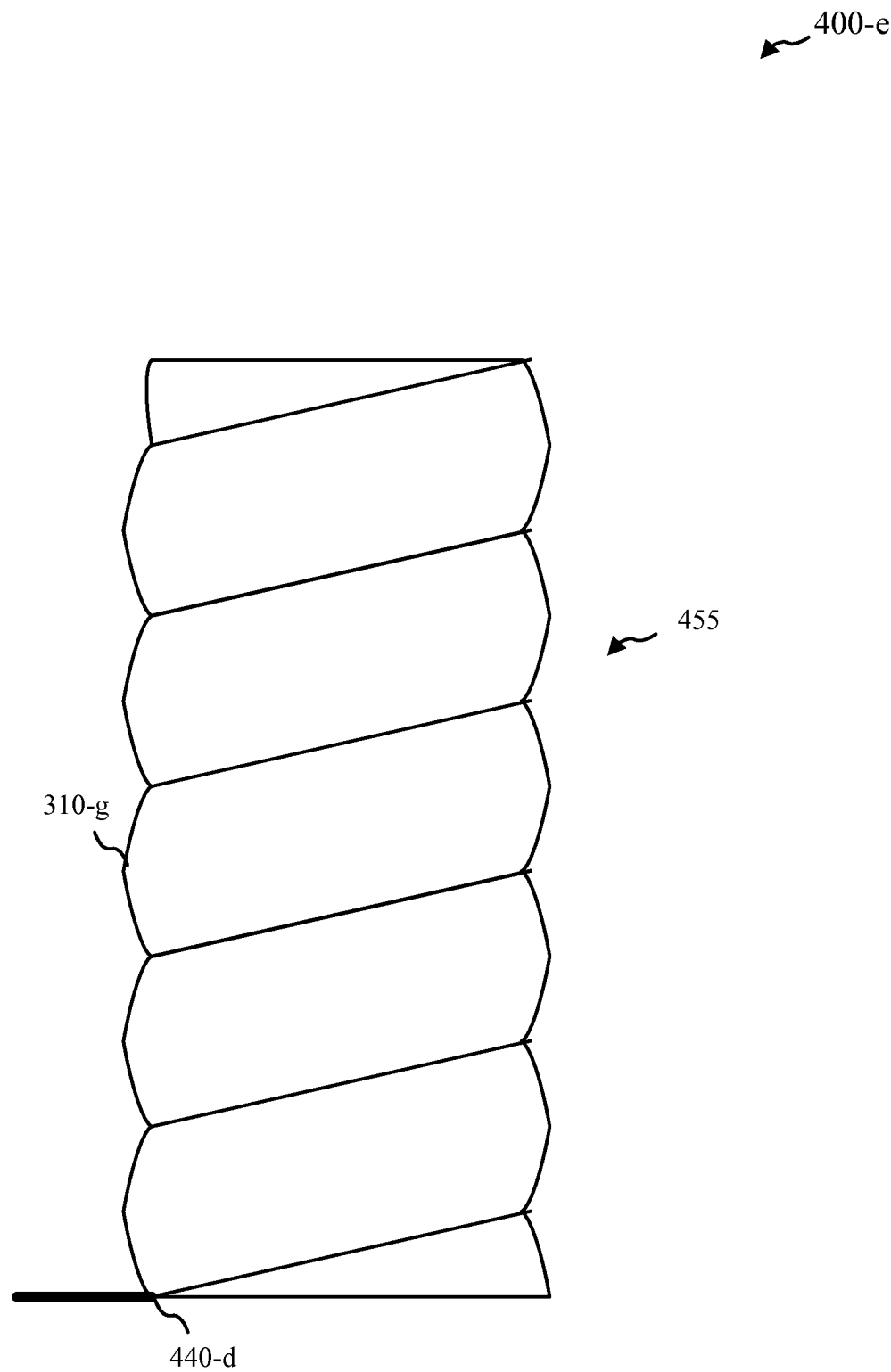


FIG. 4E

500-a



Heat a carbon-oxygen-hydrogen (C-O-H) compound to a temperature of at least 800 degrees Celsius such the C-O-H compound reacts through a non-oxidation reaction to generate or produce at least hydrocarbon compound that is at least a component of a liquid hydrocarbon fuel or a hydrocarbon chemical

510-a



FIG. 5A

500-b

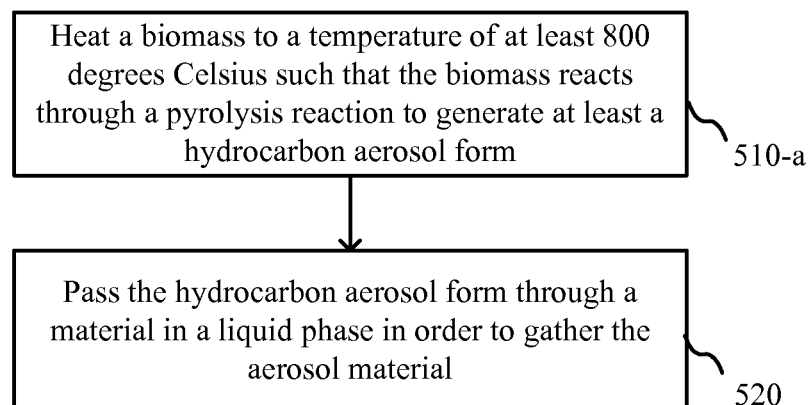


FIG. 5B

500-c

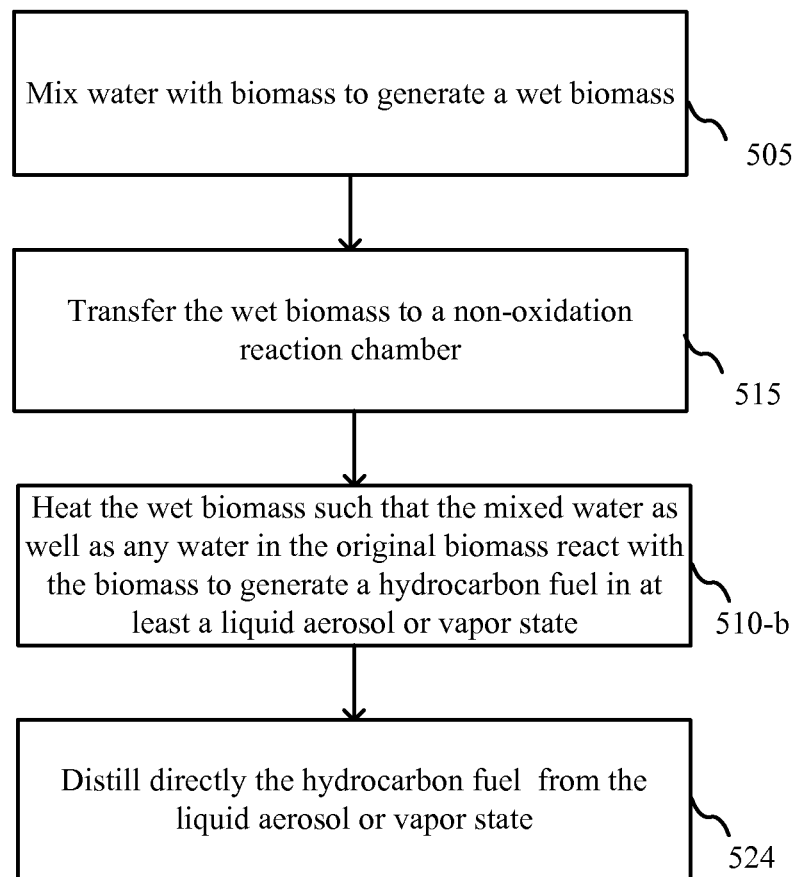


FIG. 5C

500-d

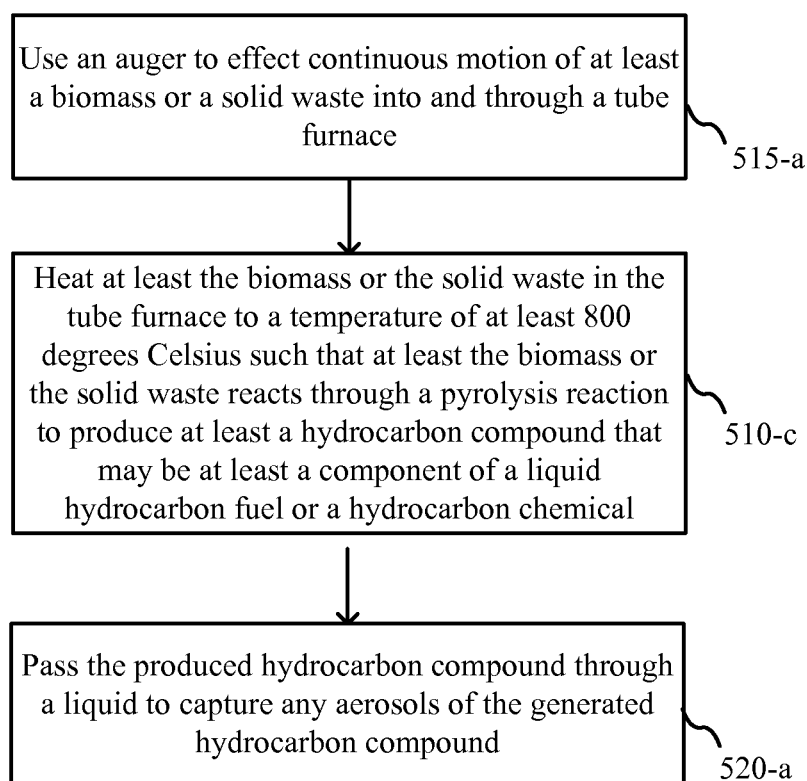


FIG. 5D

500-e

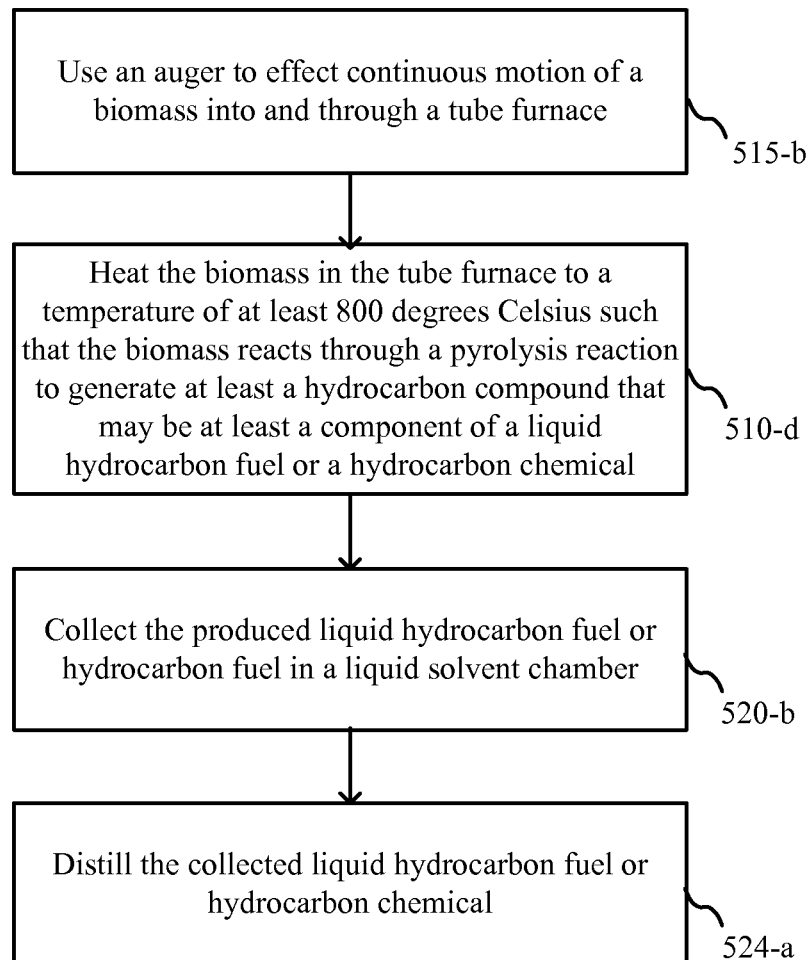


FIG. 5E

500-f

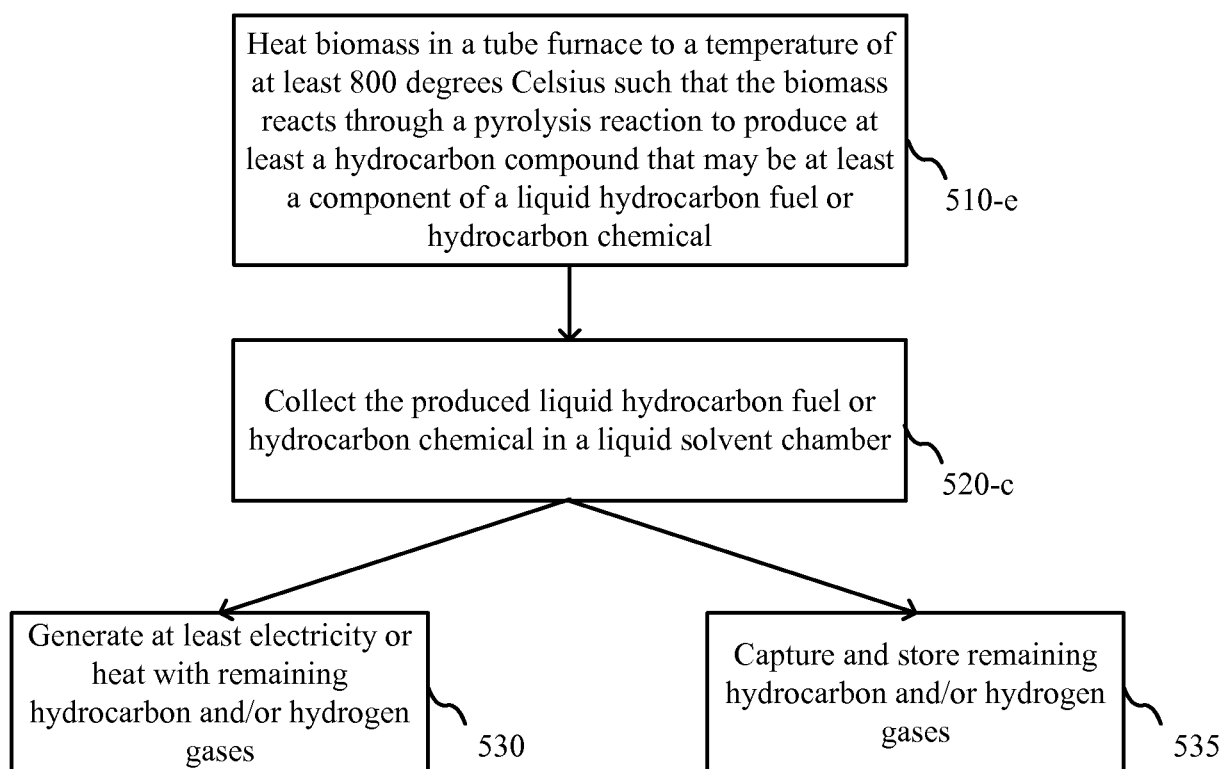


FIG. 5F

600-a

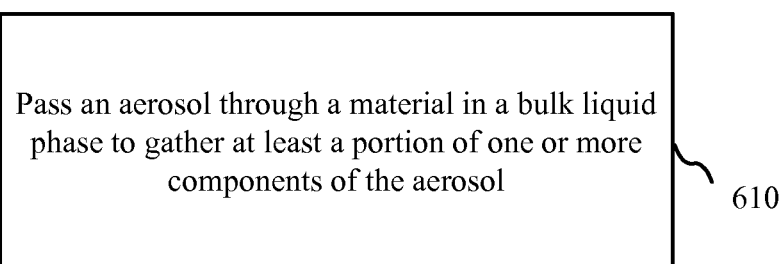


FIG. 6A

600-b

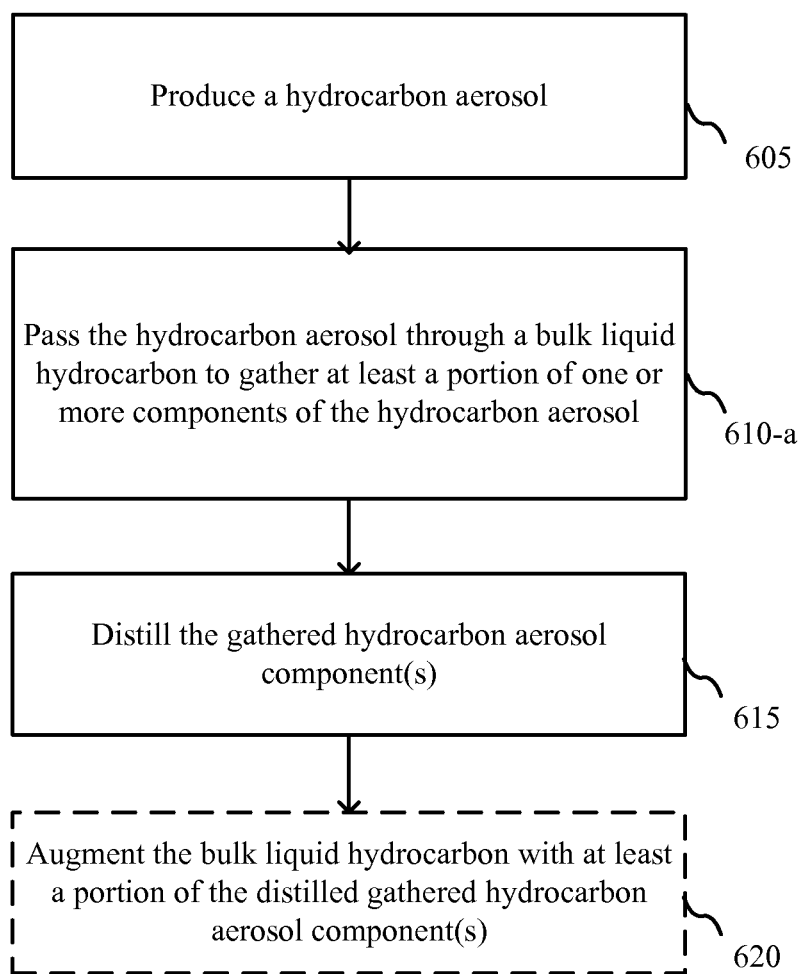


FIG. 6B