

FIG. 1

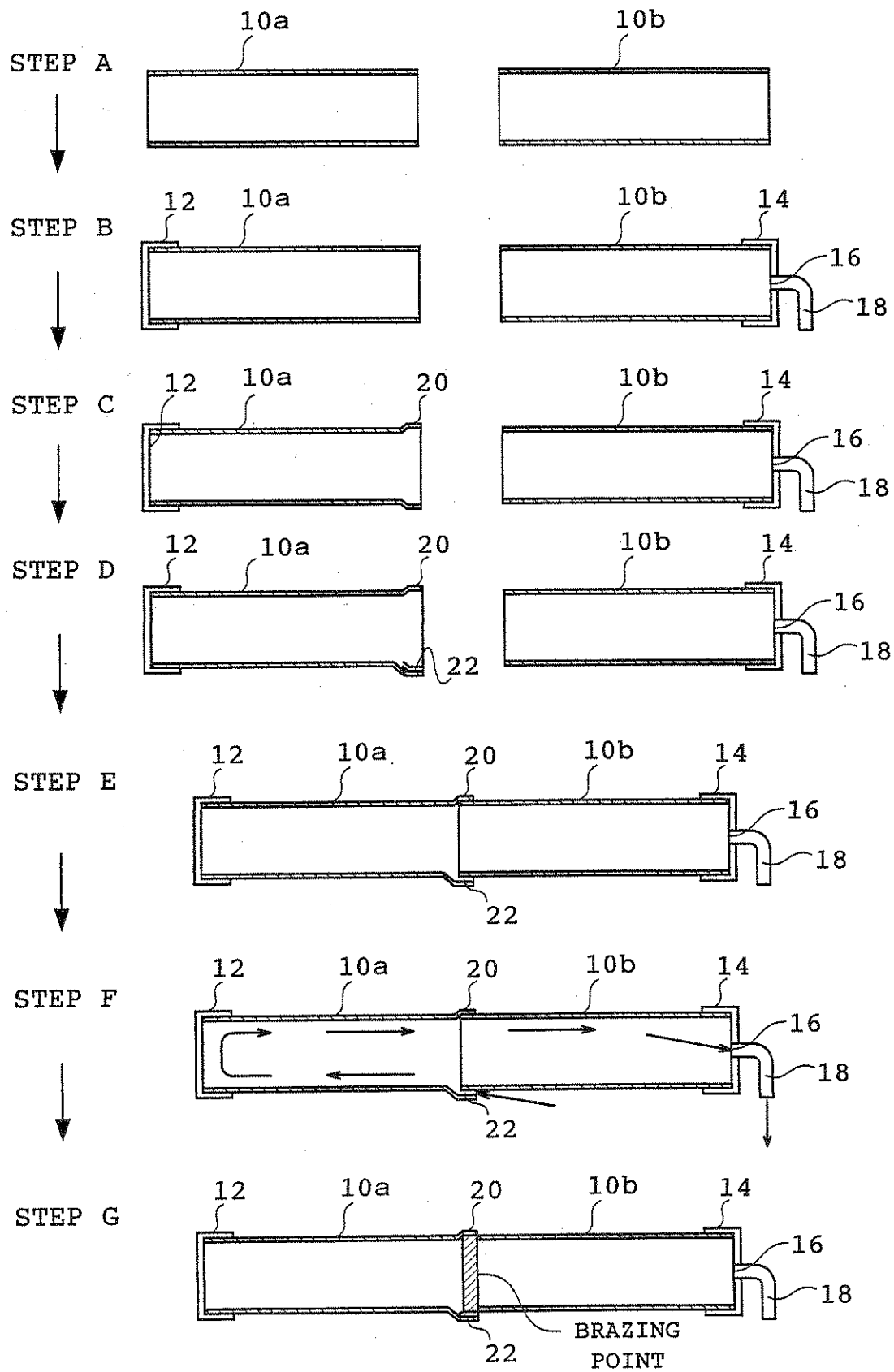


FIG. 2

INNER DIAMETER OF EQUAL
PIPE EXPANSION PIPE

10a

20

INNER
DIAMETER
OF PIPE

22

INNER DIAMETER DIFFERENCE BETWEEN
EQUAL PIPE EXPANSION PORTION AND
PARTIAL PIPE EXPANSION PORTION

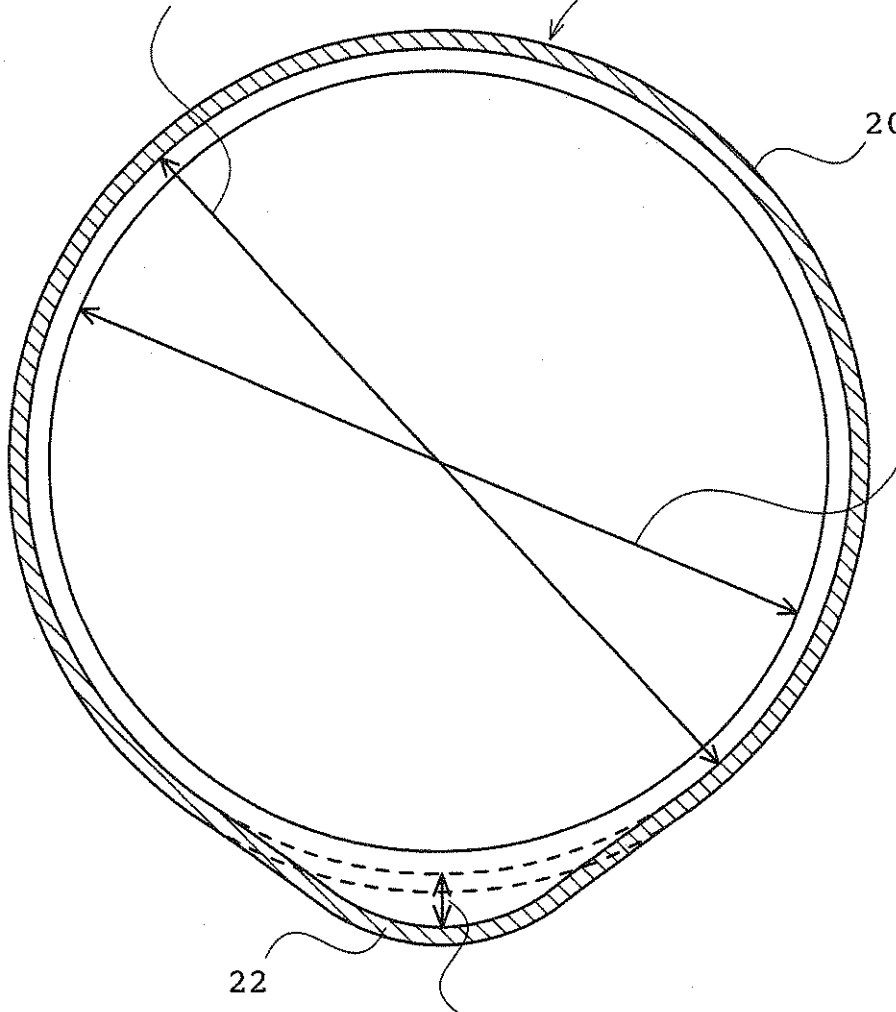


FIG. 3A

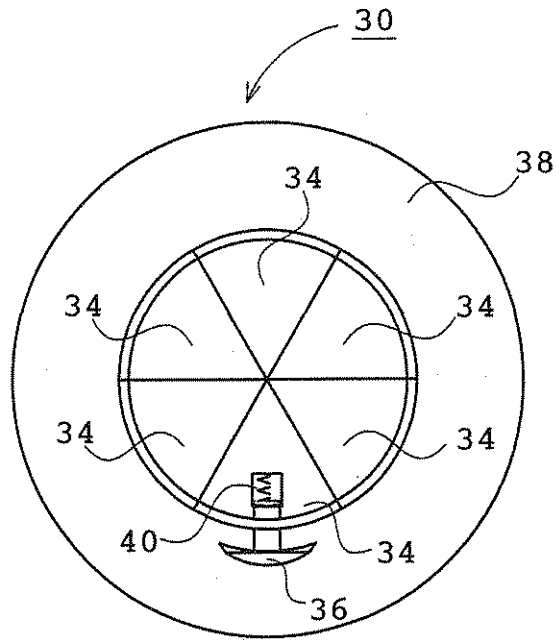


FIG. 3B

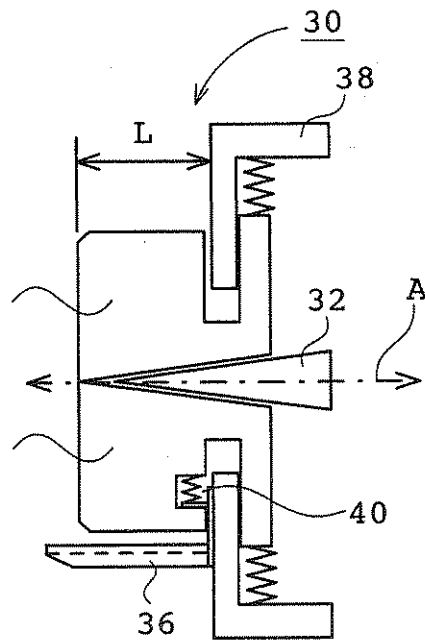


FIG. 3C

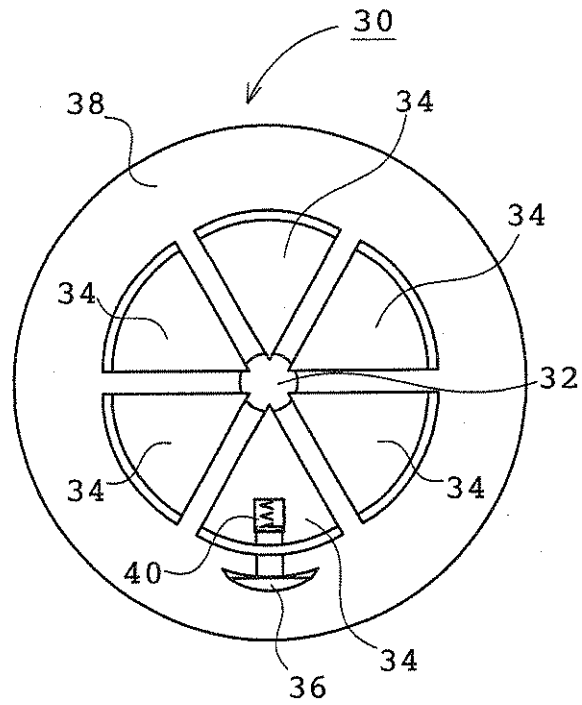


FIG. 3D

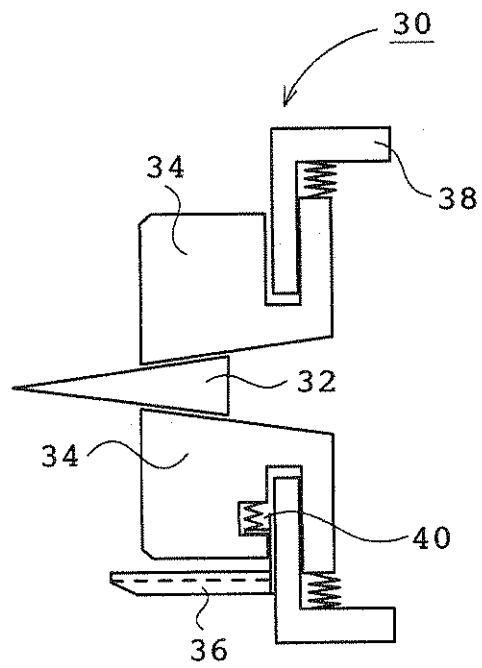


FIG. 4A

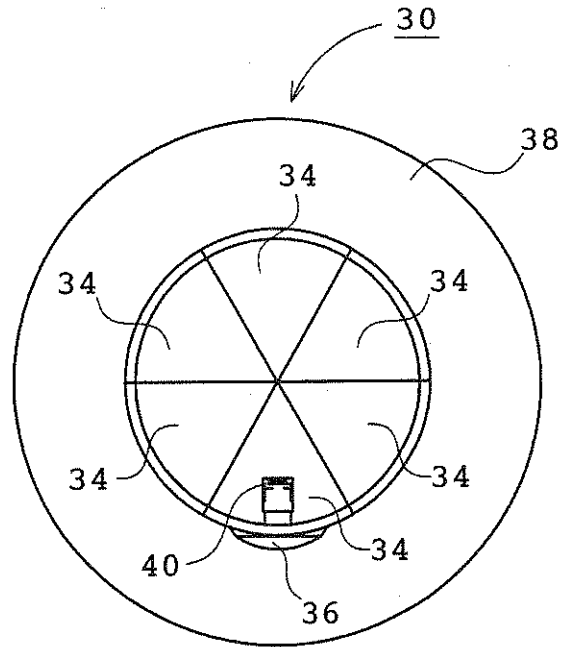


FIG. 4B

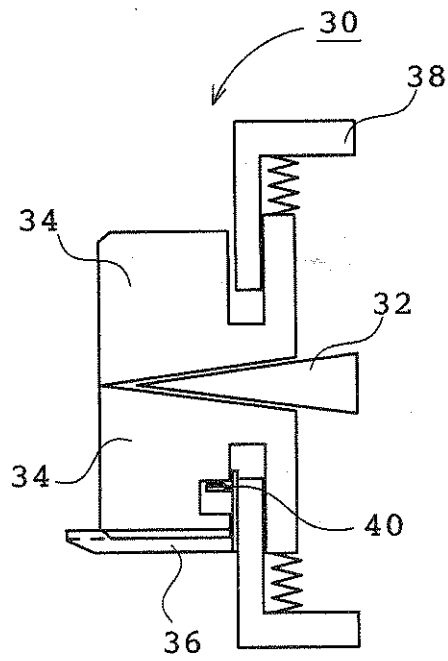


FIG. 4C

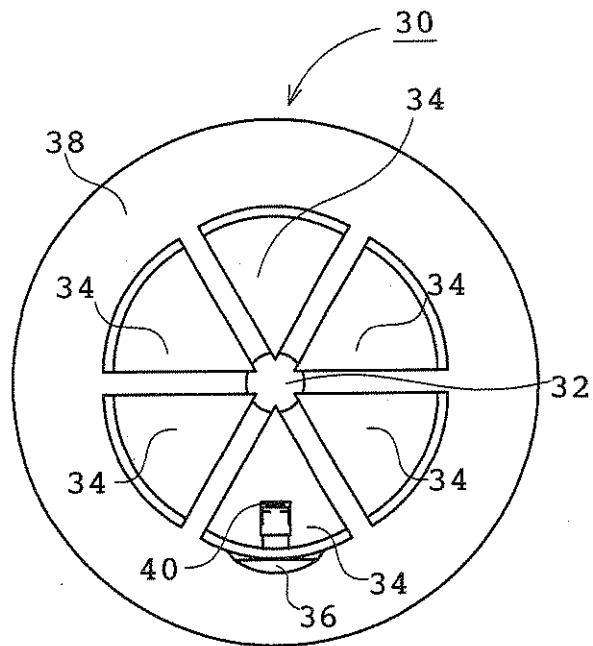
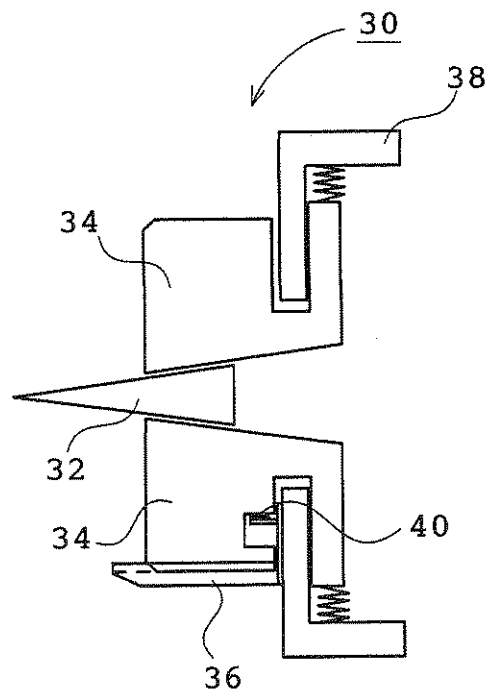


FIG. 4D



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FIG. 6

