FIG. 1

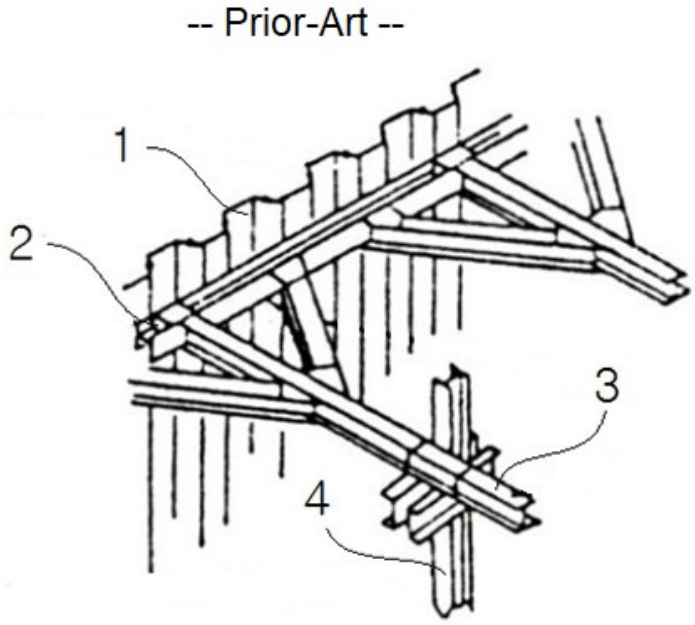
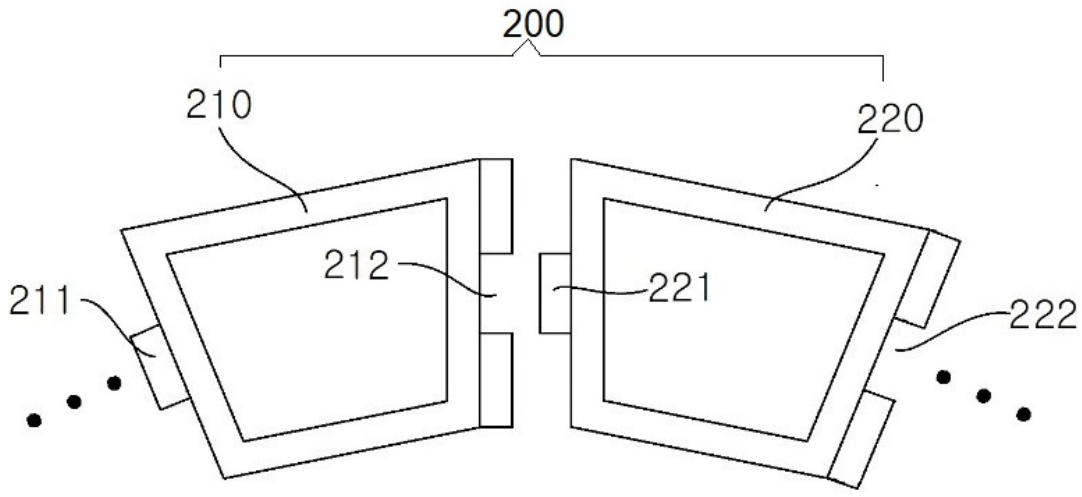


FIG. 2



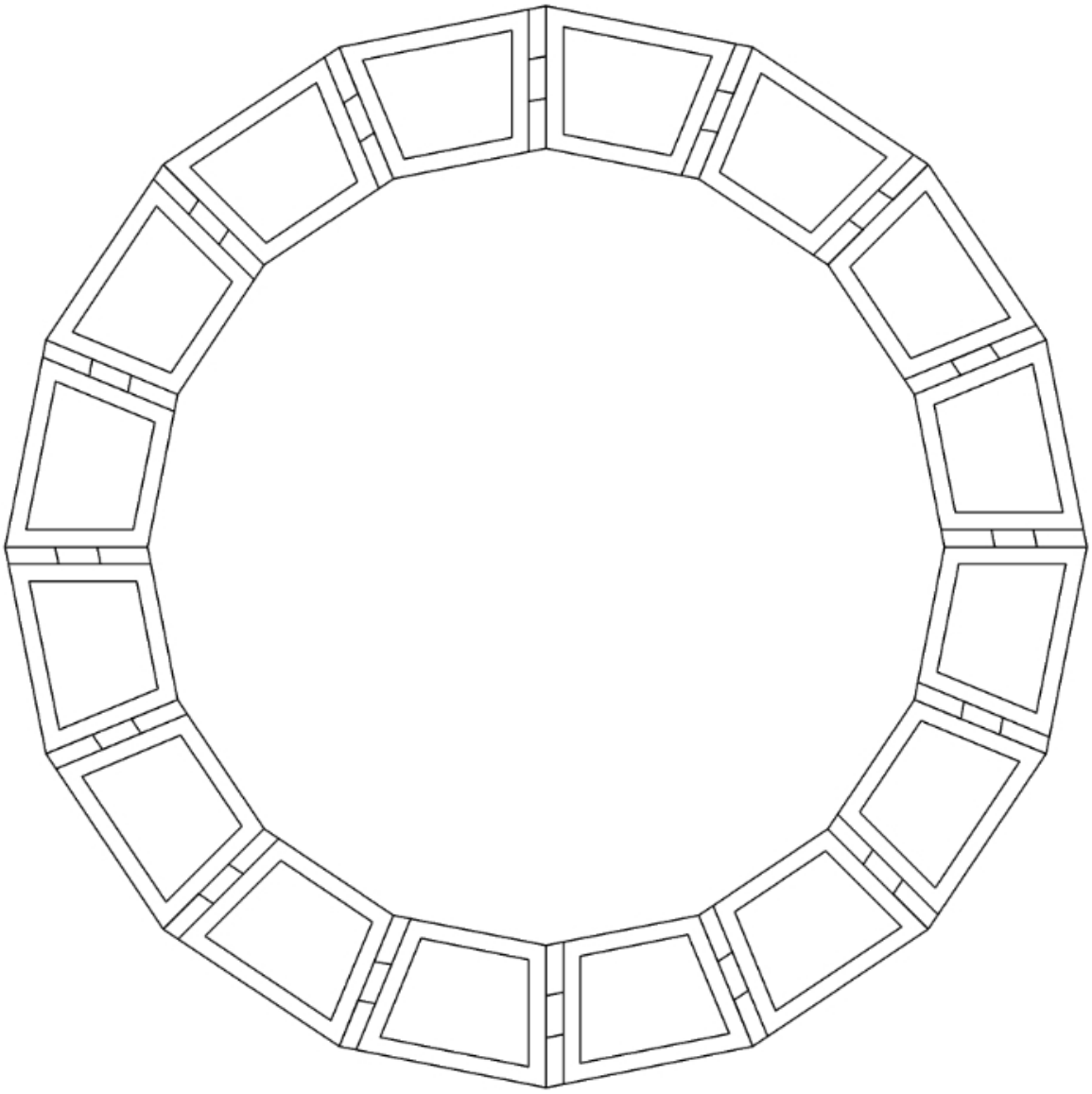


FIG. 3

FIG. 4

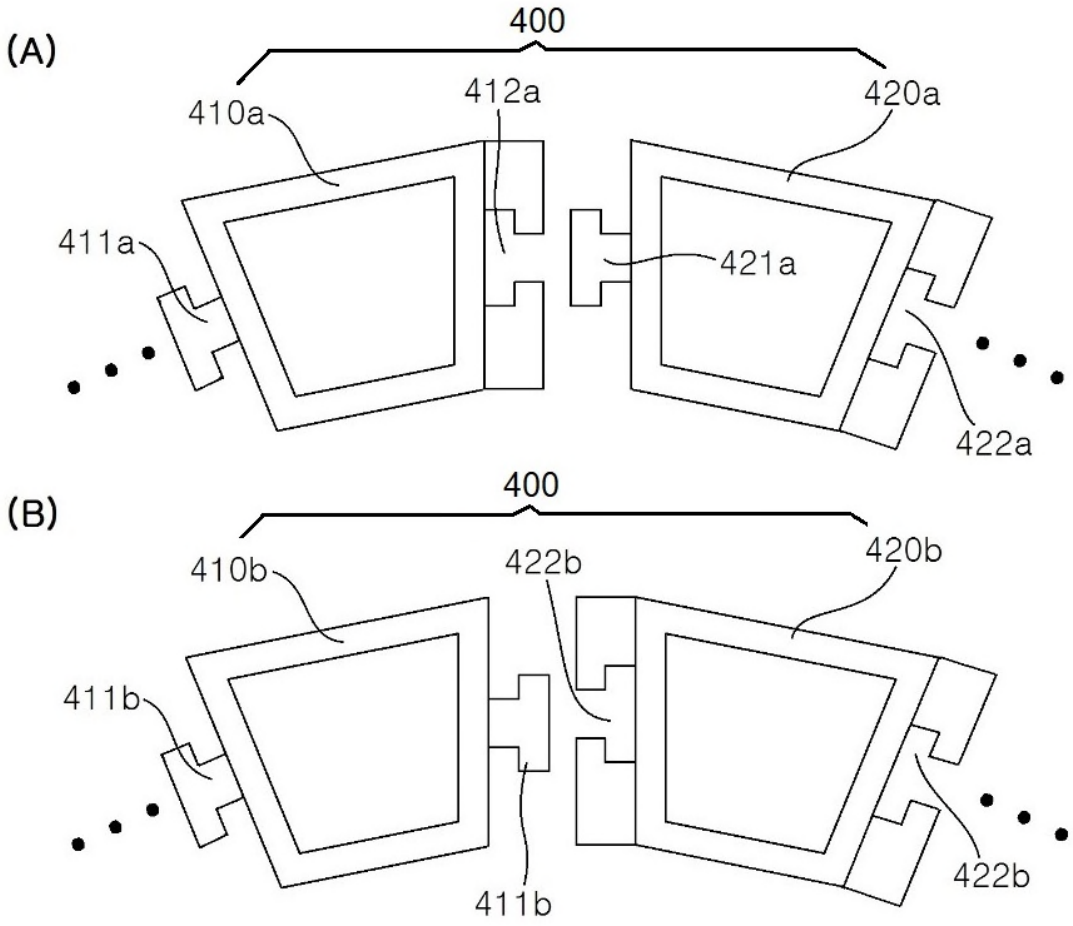

(A)
400
410a
412a
420a
411a
421a
422a
(B)
400
410b
422b
420b
411b
411b
422b

FIG. 5

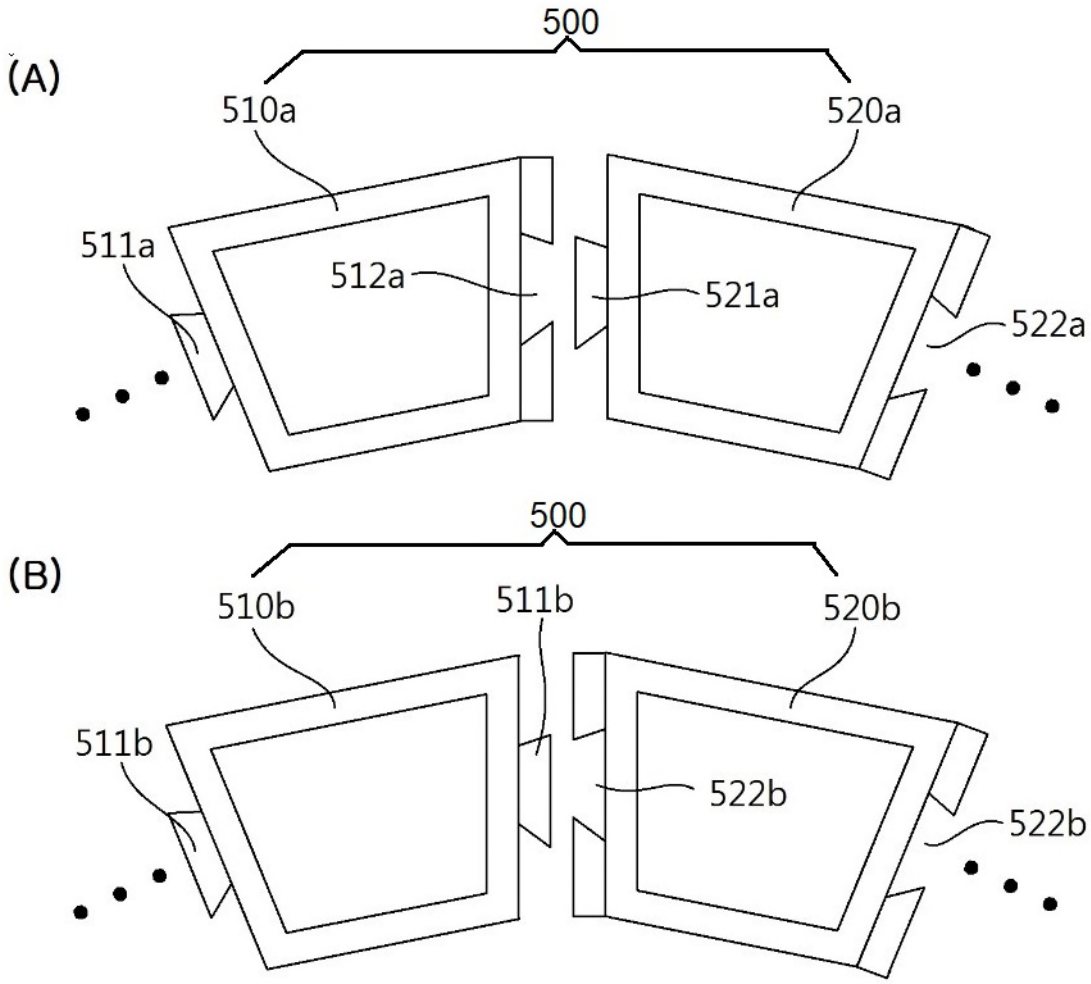
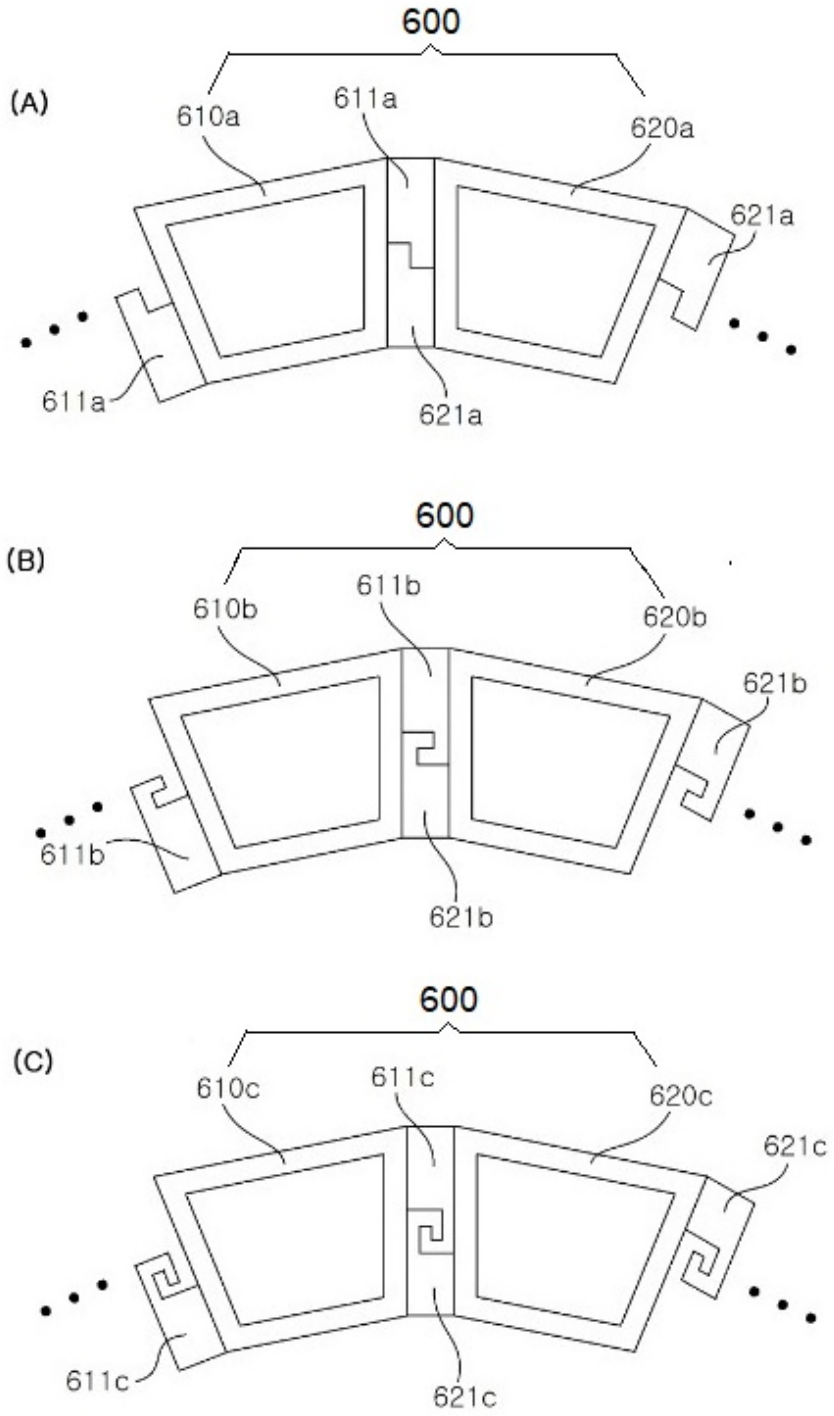

(A)
500
510a
520a
511a
512a
521a
522a
(B)
500
510b
511b
520b
511b
522b
522b

FIG. 6


600
(A)
610a
611a
620a
621a
611a
621a
600
(B)
610b
611b
620b
621b
611b
621b
600
(C)
610c
611c
620c
621c
611c
621c

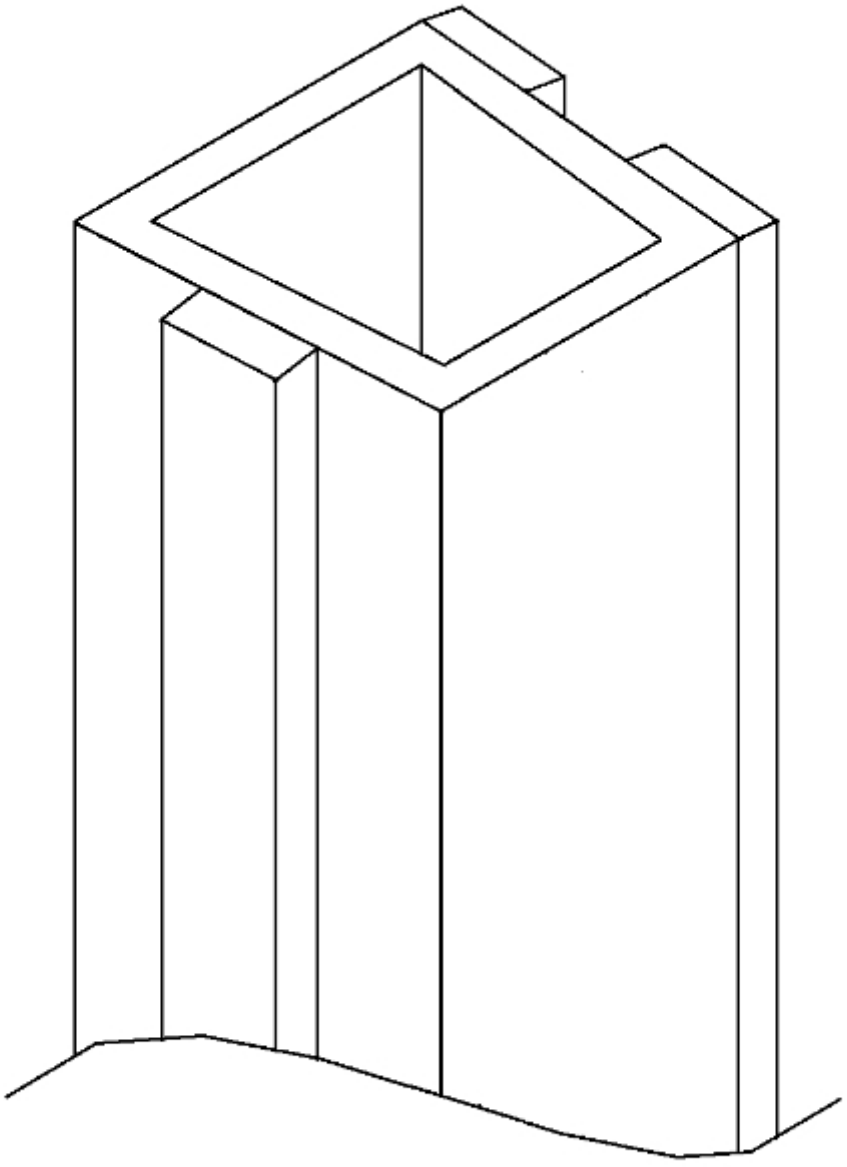


FIG. 7

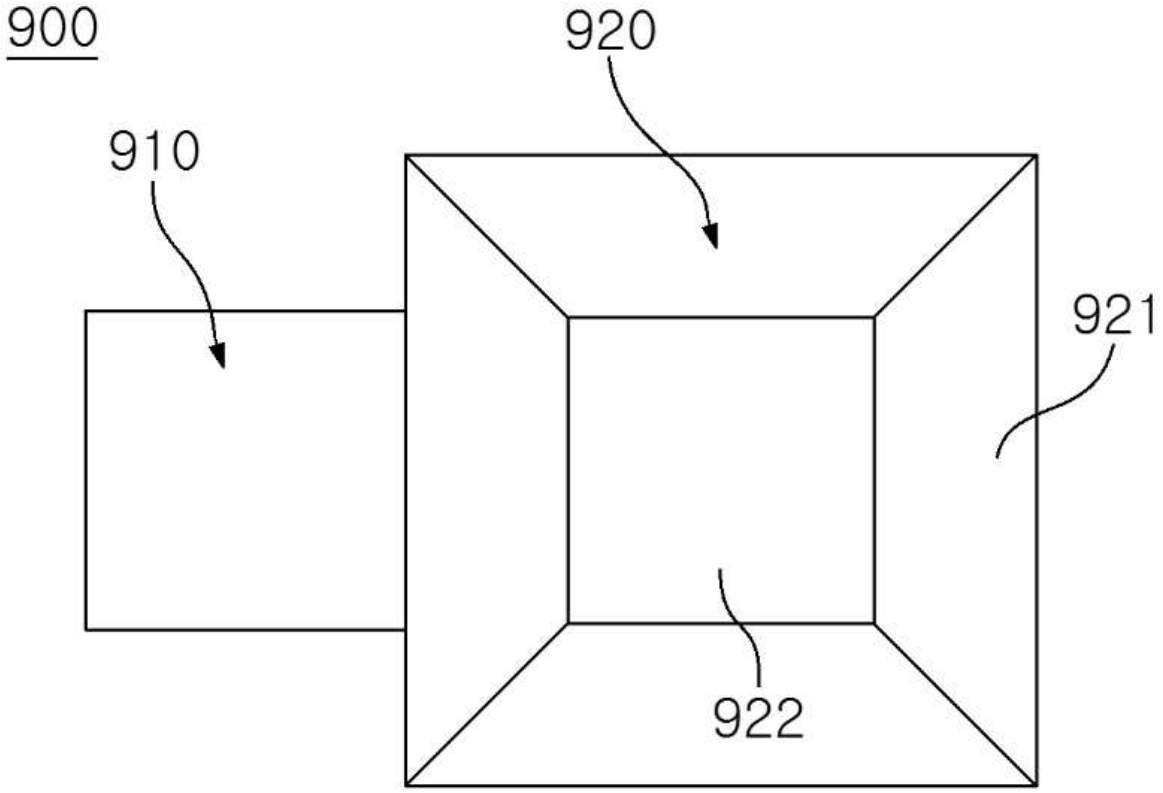


FIG. 8

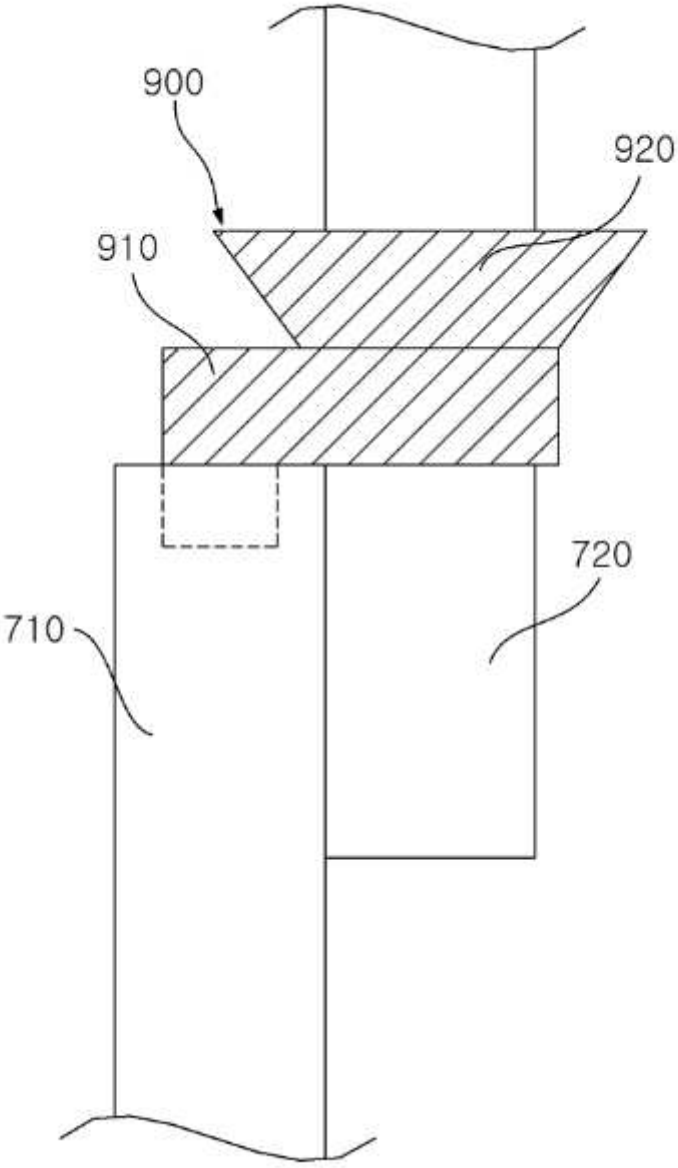


FIG. 9

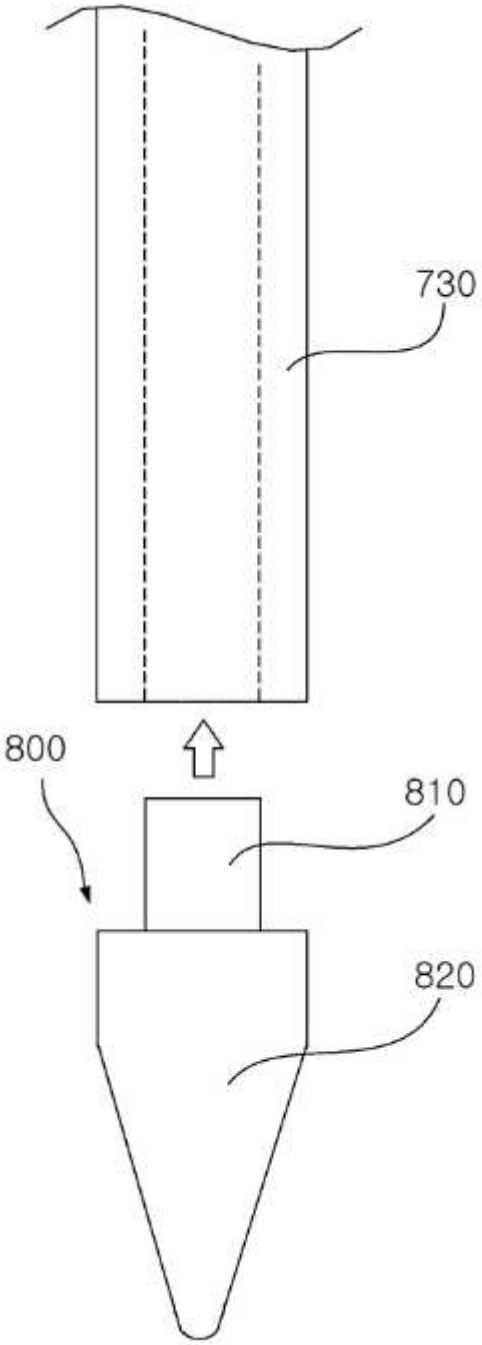


FIG. 10

FIG. 11

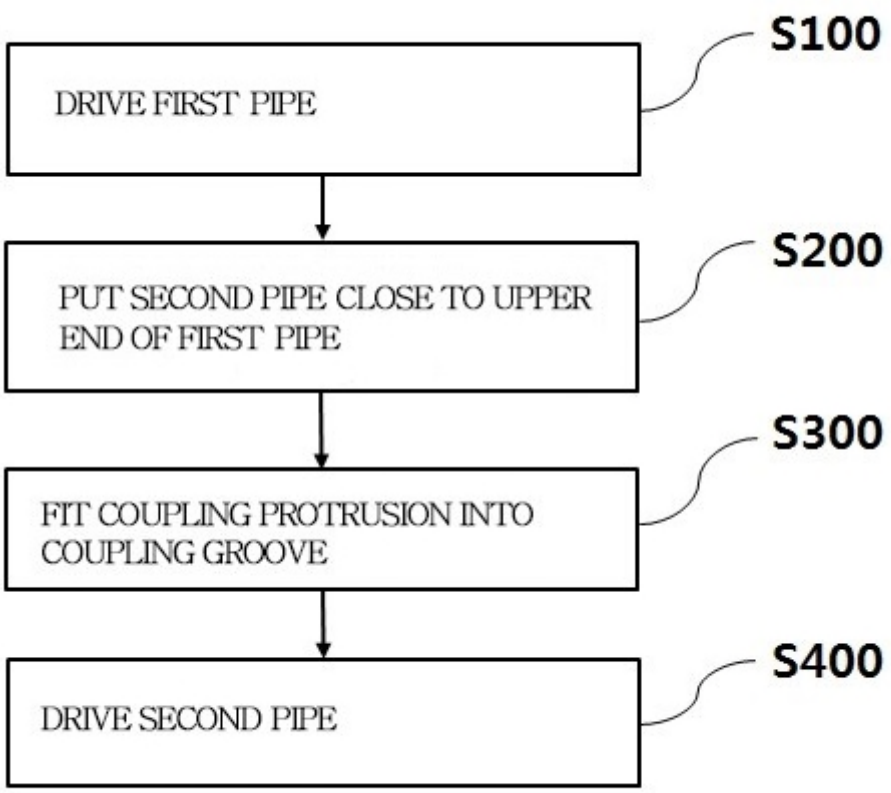

S100
DRIVE FIRST PIPE
S200
PUT SECOND PIPE CLOSE TO UPPER END OF FIRST PIPE
S300
FIT COUPLING PROTRUSION INTO COUPLING GROOVE
S400
DRIVE SECOND PIPE

FIG. 12

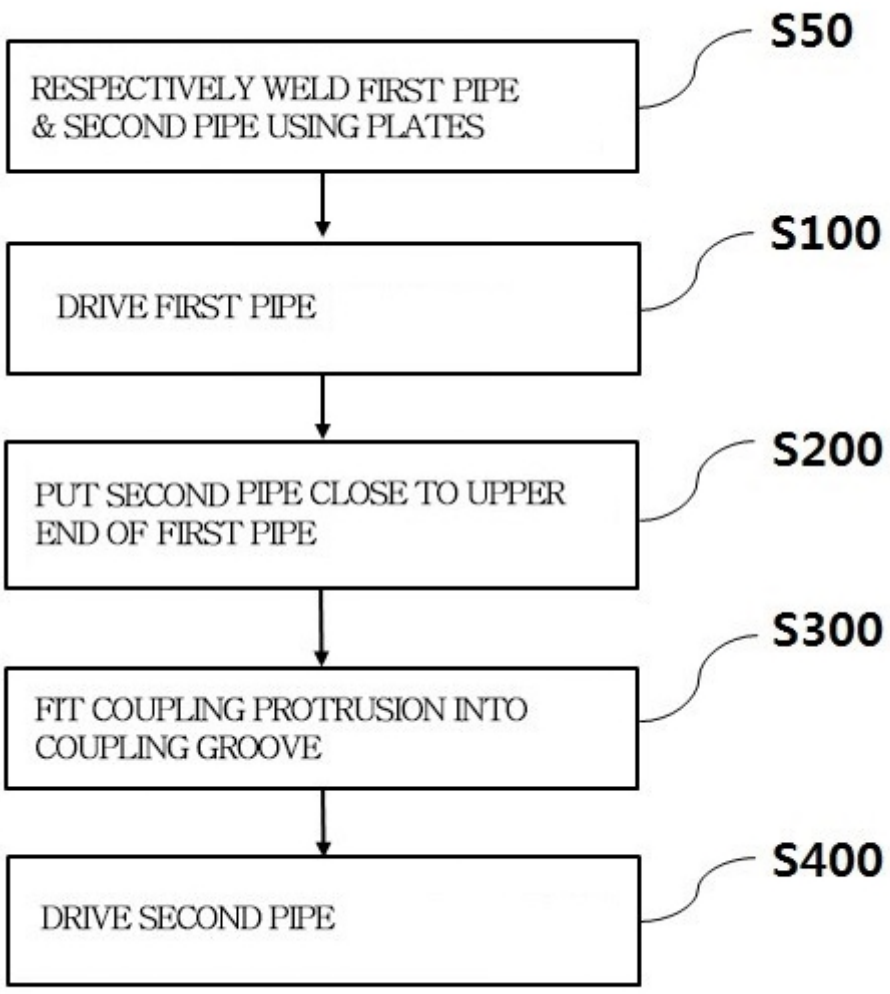

S50
RESPECTIVELY WELD FIRST PIPE & SECOND PIPE USING PLATES
S100
DRIVE FIRST PIPE
S200
PUT SECOND PIPE CLOSE TO UPPER END OF FIRST PIPE
S300
FIT COUPLING PROTRUSION INTO COUPLING GROOVE
S400
DRIVE SECOND PIPE

FIG. 13

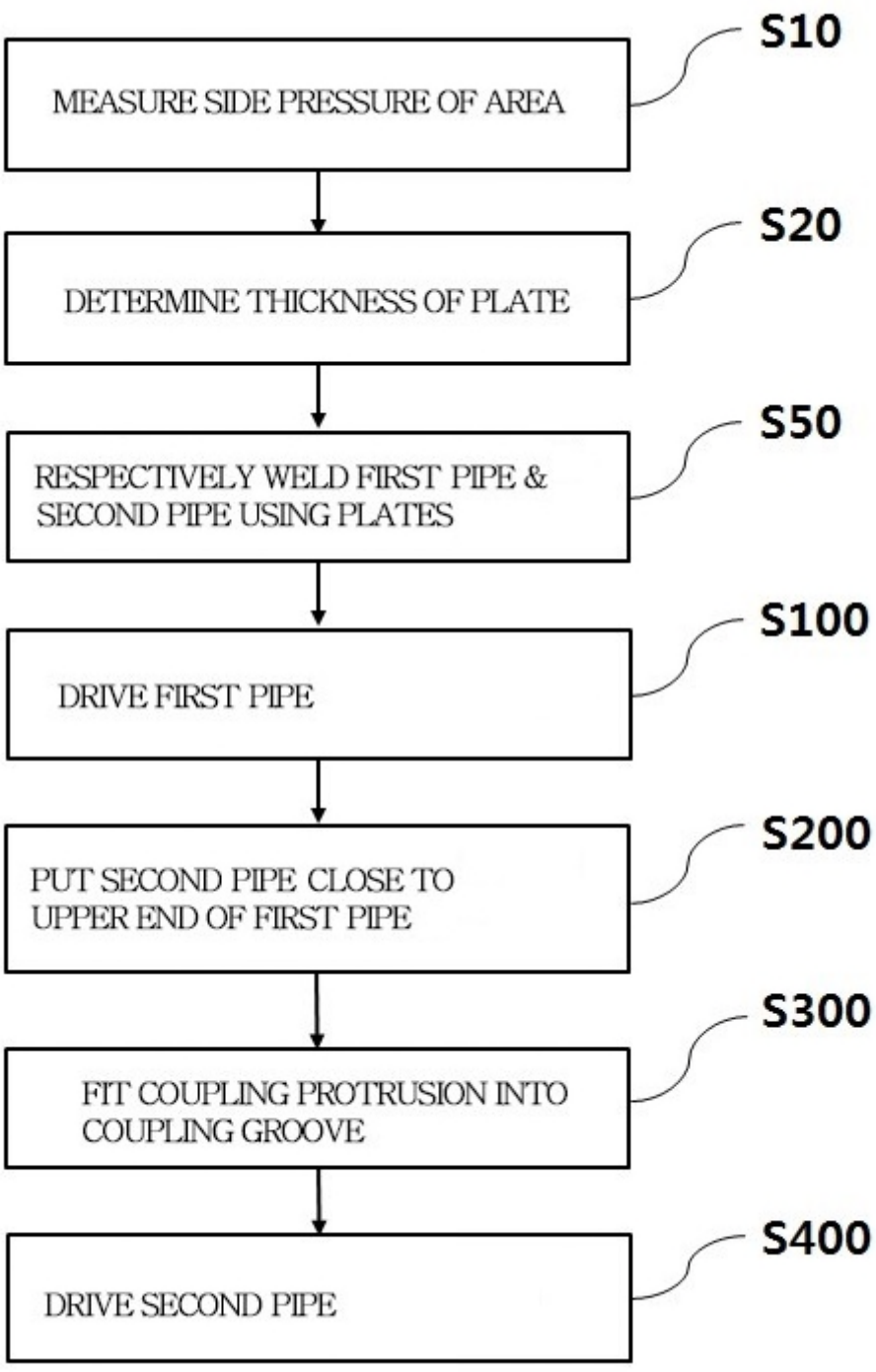
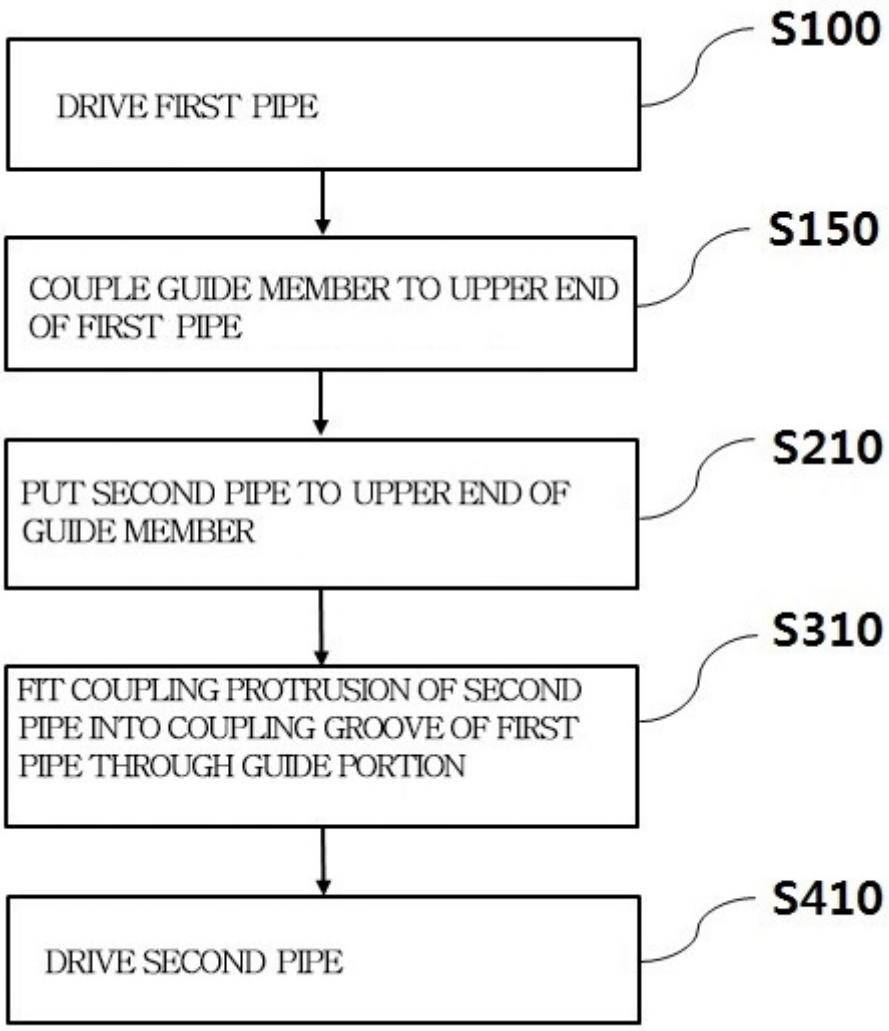

MEASURE SIDE PRESSURE OF AREA
S10
DETERMINE THICKNESS OF PLATE
S20
RESPECTIVELY WELD FIRST PIPE & SECOND PIPE USING PLATES
S50
DRIVE FIRST PIPE
S100
PUT SECOND PIPE CLOSE TO UPPER END OF FIRST PIPE
S200
FIT COUPLING PROTRUSION INTO COUPLING GROOVE
S300
DRIVE SECOND PIPE
S400

FIG. 14


S100
DRIVE FIRST PIPE
S150
COUPLE GUIDE MEMBER TO UPPER END OF FIRST PIPE
S210
PUT SECOND PIPE TO UPPER END OF GUIDE MEMBER
S310
FIT COUPLING PROTRUSION OF SECOND PIPE INTO COUPLING GROOVE OF FIRST PIPE THROUGH GUIDE PORTION
S410
DRIVE SECOND PIPE