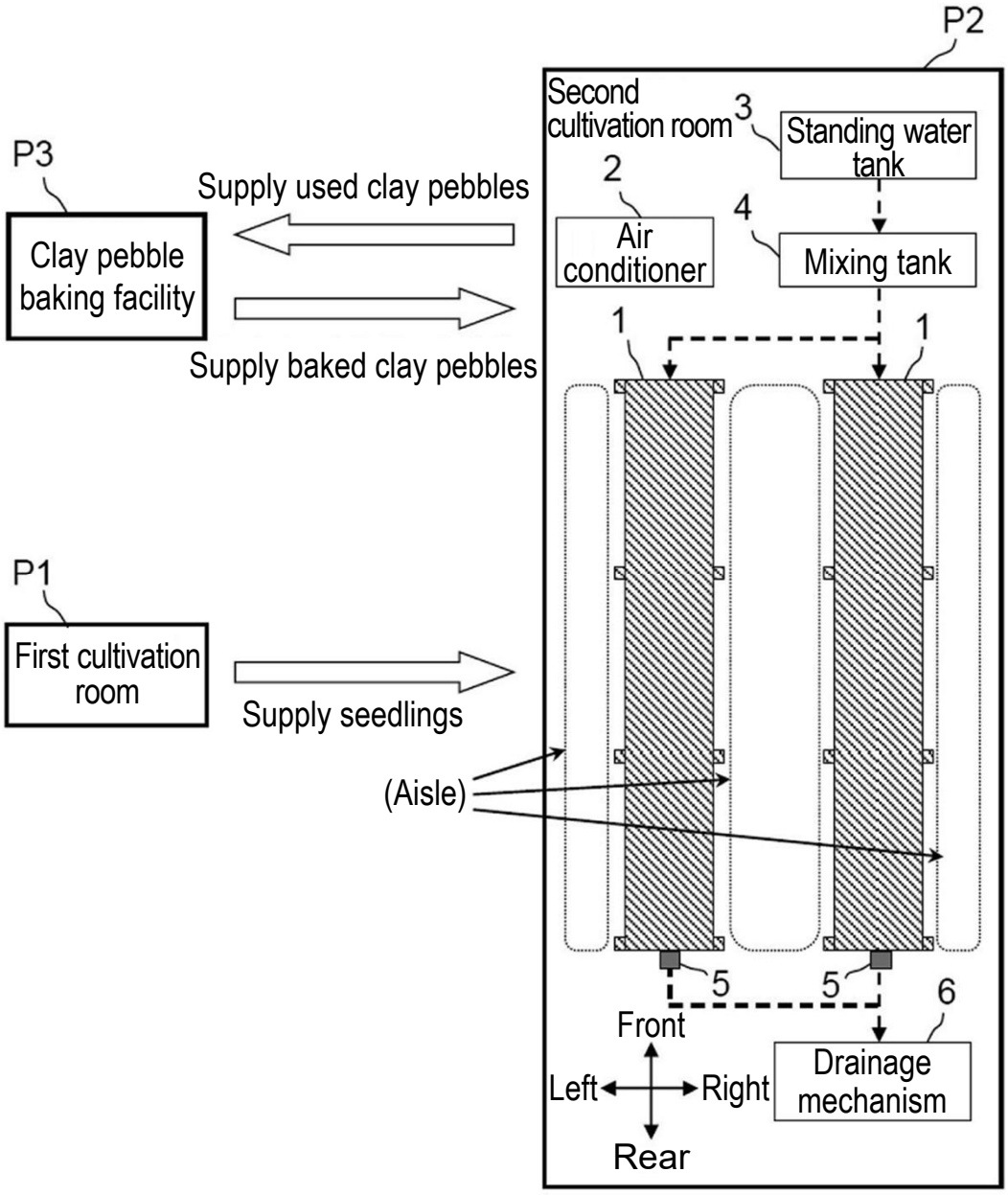

P2
Second cultivation room
3
Standing water tank
2
Air conditioner
4
Mixing tank
P3
Supply used clay pebbles
Clay pebble baking facility
Supply baked clay pebbles
1
1
P1
First cultivation room
Supply seedlings
(Aisle)
5
5
6
Front
Left
Right
Rear
Drainage mechanism

FIG. 1

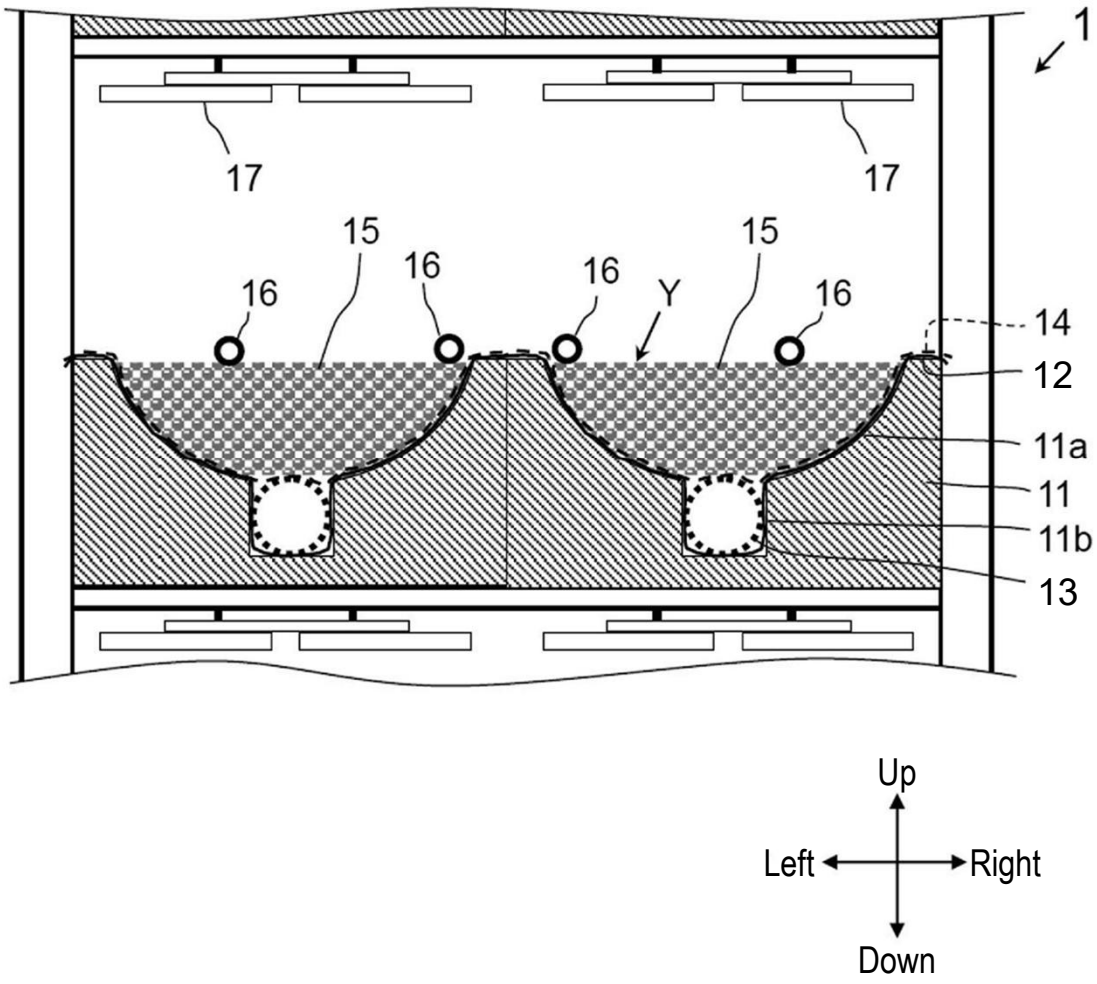


FIG. 2

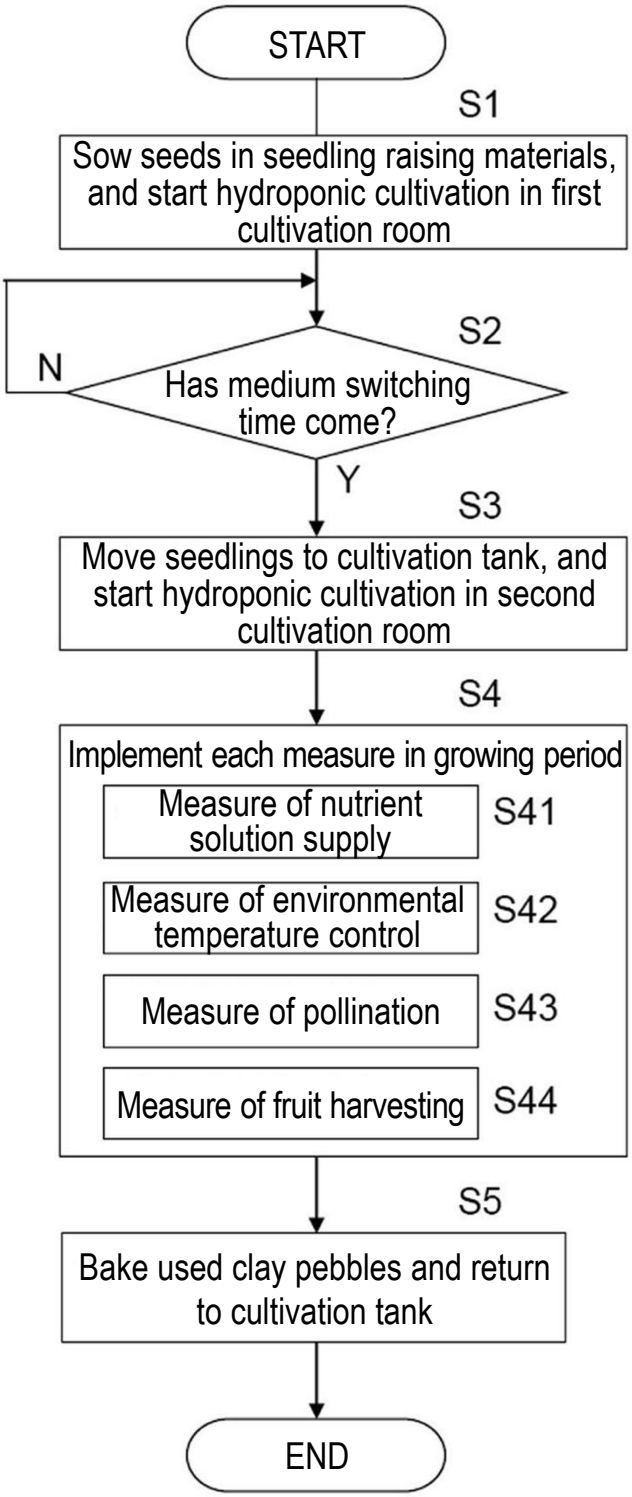

START
S1
Sow seeds in seedling raising materials, and start hydroponic cultivation in first cultivation room
S2
N
Has medium switching time come?
Y
S3
Move seedlings to cultivation tank, and start hydroponic cultivation in second cultivation room
S4
Implement each measure in growing period
Measure of nutrient solution supply
S41
Measure of environmental temperature control
S42
Measure of pollination
S43
Measure of fruit harvesting
S44
S5
Bake used clay pebbles and return to cultivation tank
END

FIG. 3

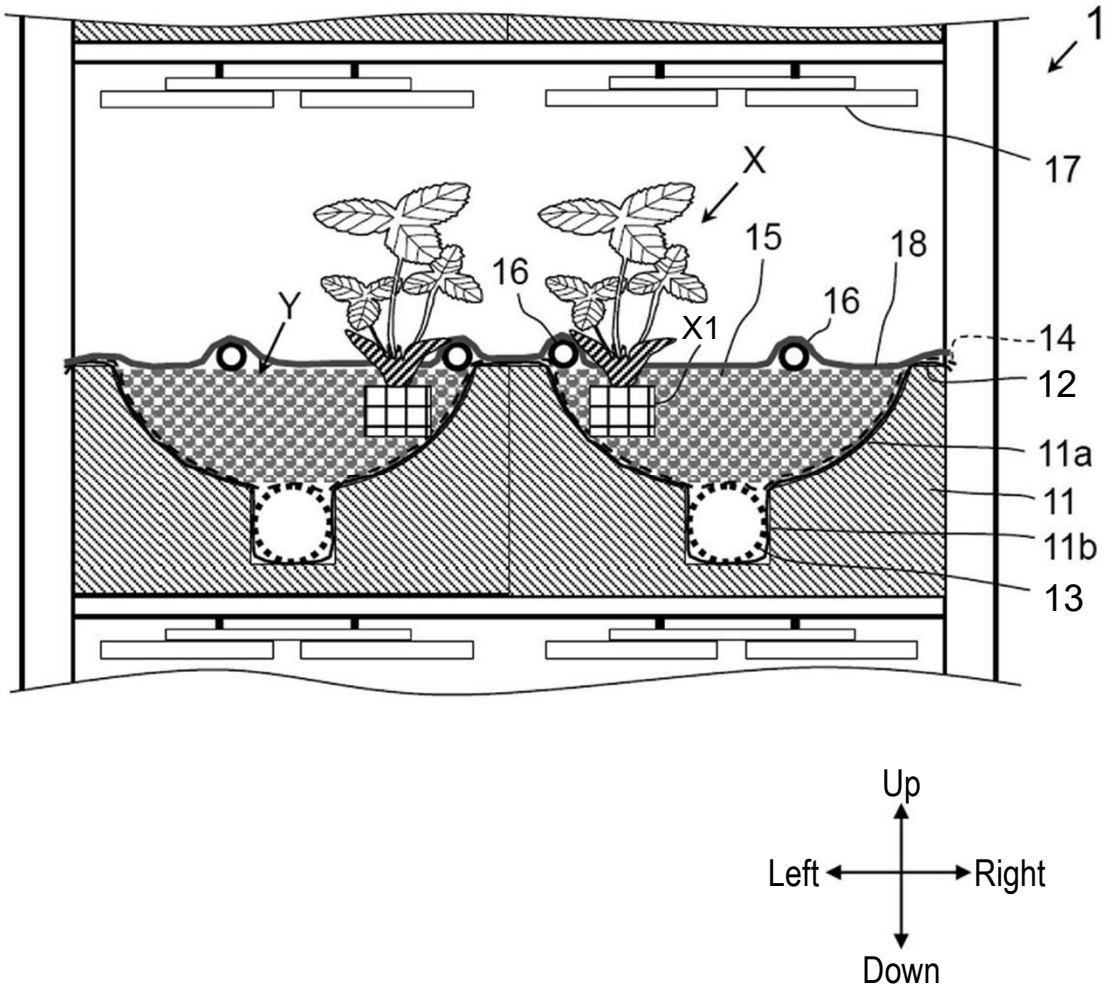


FIG. 4