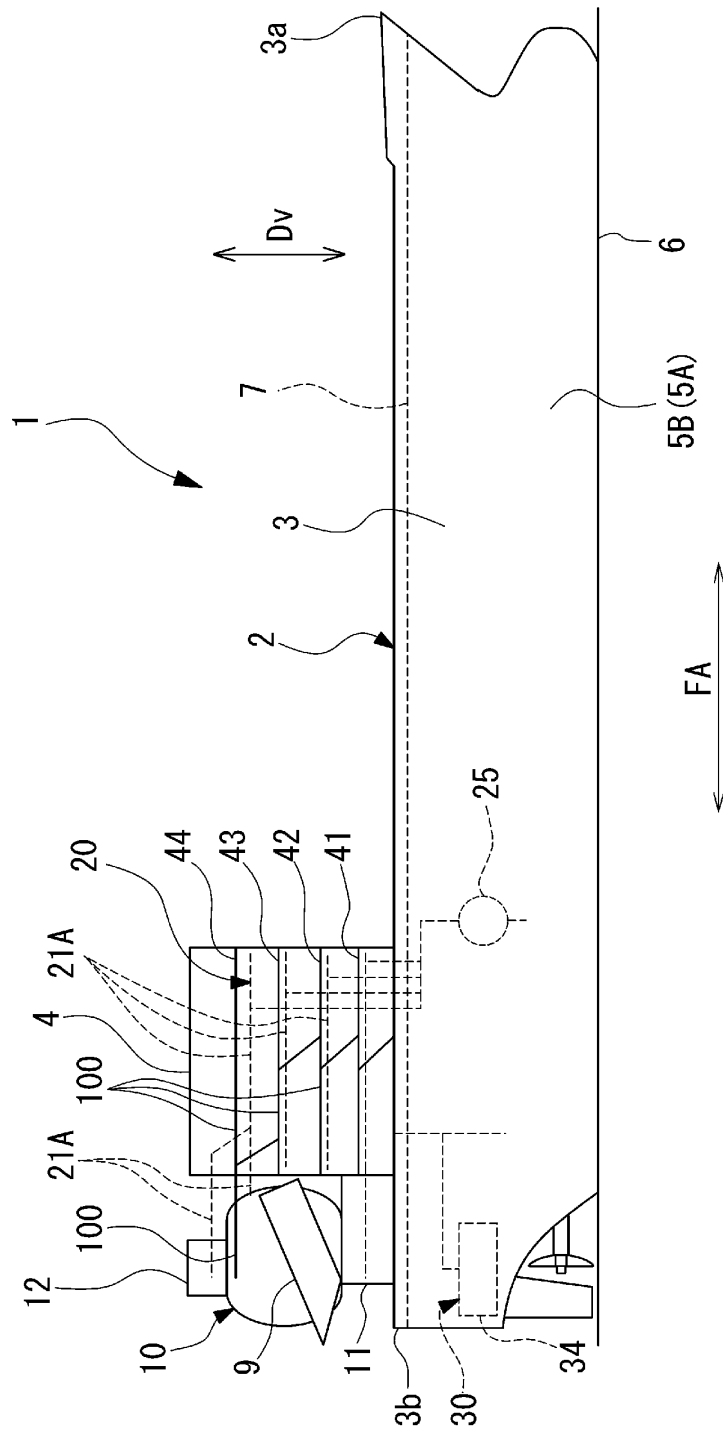
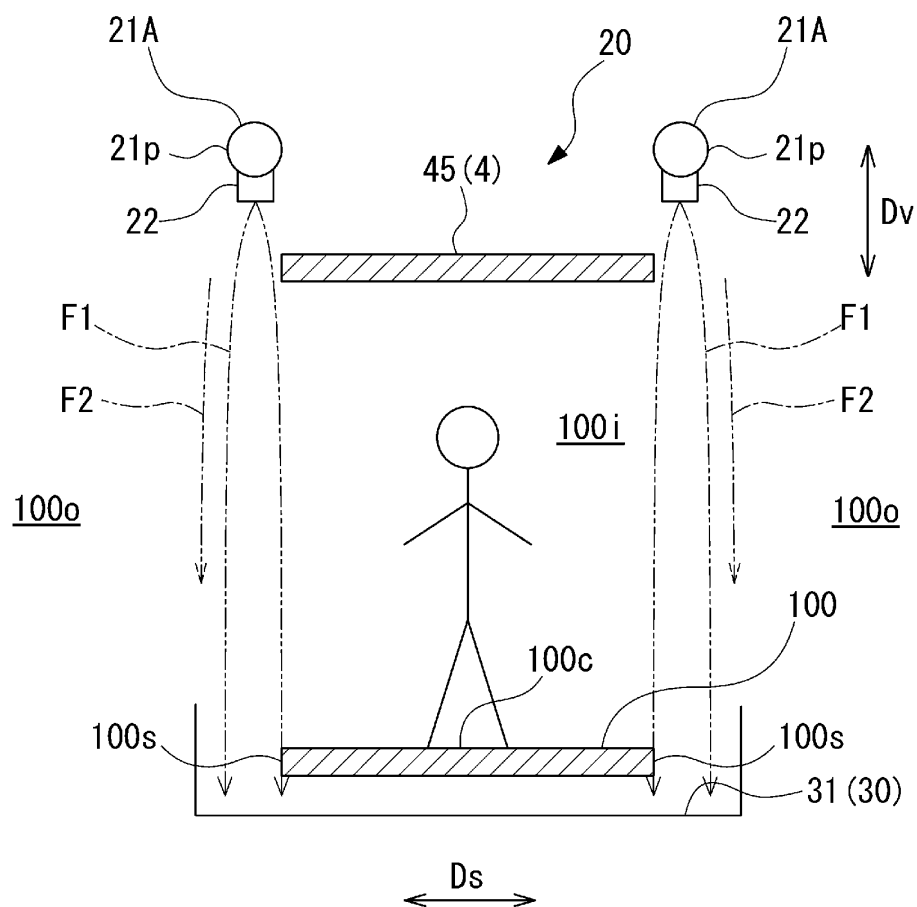


[図1]

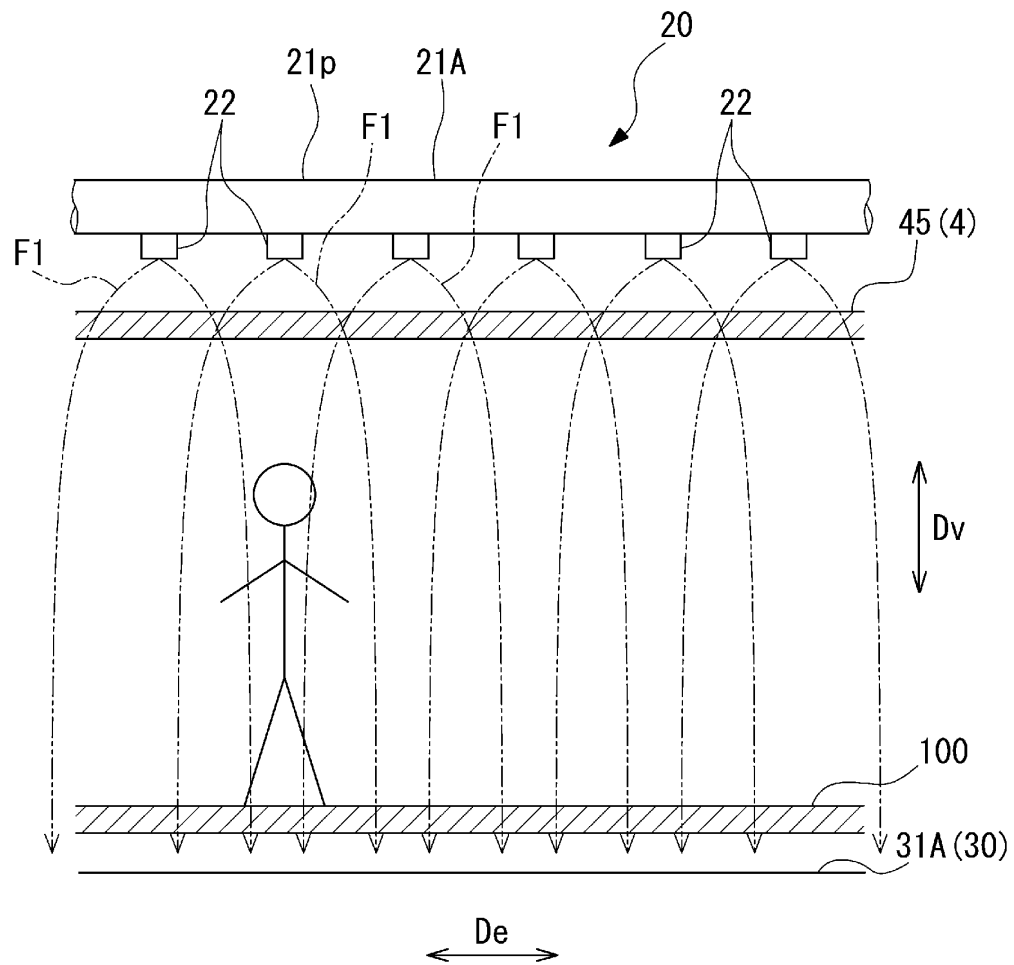


The schematic diagram illustrates a water supply system for a building. The building's floor plan shows two rooms, each containing a person (stick figure) and a sink (20). The left room has a sink labeled 21A and a shower area (45) with a shower head (21p) and a shower pan (100). The right room also has a sink labeled 21A and a shower area (100). A central horizontal pipe (31B) runs through the middle of the building, with a vertical riser (31t) connecting it to a main supply line (37). This main supply line leads down to a pump unit (25) located outside the building. The pump unit includes a pump motor (26) and a control unit (27) with a switch (28) and a pump operation section (ポンプ作動部). The control unit is connected to a power source (5A) via a cable (29). The main supply line (37) branches into two vertical pipes (35V and 32V) leading to two different levels of the building. The upper level has a valve (32) and a pipe (32V) leading to a shower area (100). The lower level has a valve (35) and a pipe (35V) leading to a shower area (100). The building's exterior wall is labeled 6, and the interior walls are labeled 30 and 34. The distance between the two rooms is indicated as Dw.

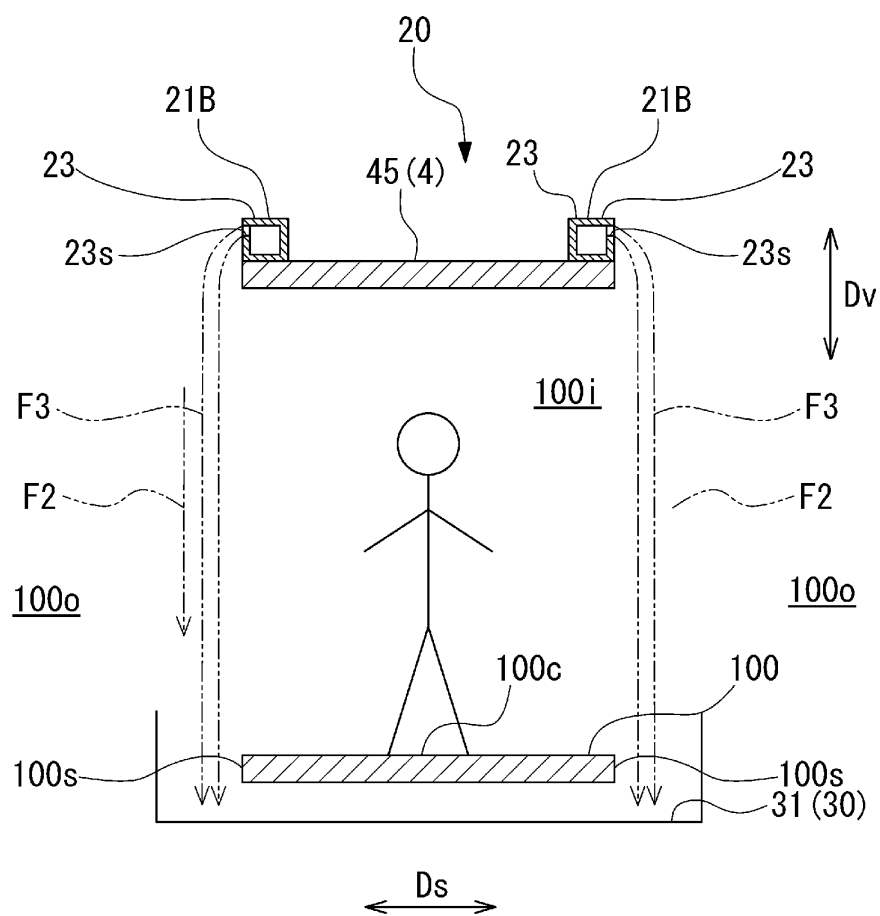
[図3]



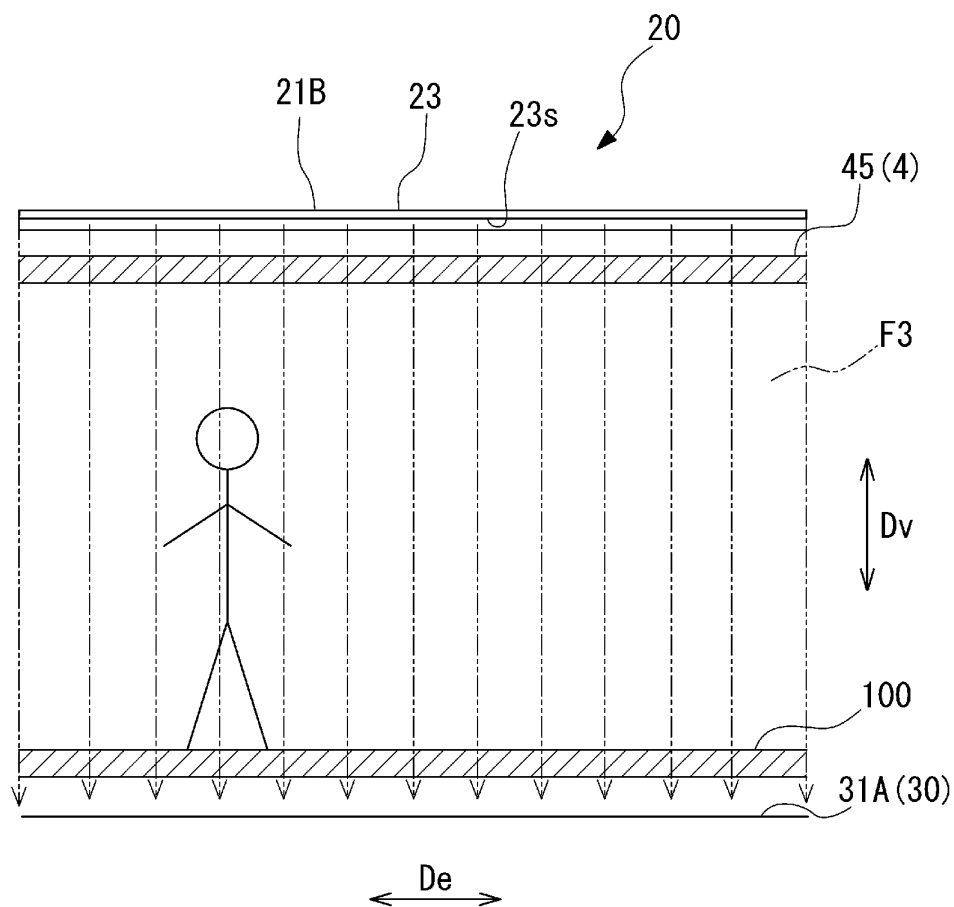
[図4]



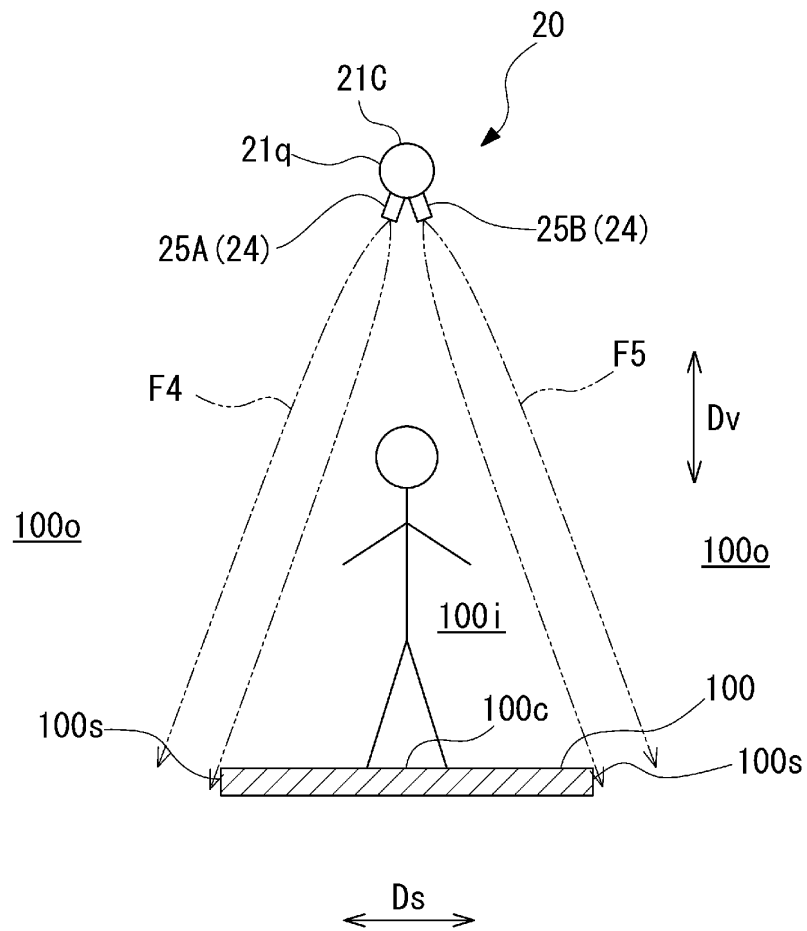
[図5]



[図6]



[図7]



[図8]

