between the left and right sidewalls 14L, 14R, the door 9 and the ceiling 14C as illustrated in Fig. 5 for allowing circulation of the air.

[0036] Note here that the left and right means the left side and right side when facing forward to the doorway 4 from the outside of the toilet, front and back means the front side and back side when sitting on the toilet bowl 41, and upper and lower means the ceiling 14C side and the placement face (floor) 14F side of the toilet bowl 41.

[0037] The left and right sidewalls 14L and 14R are plate members formed to be in J-like shape in lateral section, i.e., to be in a shape where one side is in a straight-line form while the other side is in a curved form (secondary curvature) (see Fig. 2 and Fig. 3). When there are neighboring toilet cubicles 14, the left sidewall 14L also functions as the right sidewall 14R of another neighboring toilet cubicle 14 on the left, and the right sidewall 14R also functions as the left sidewall 14L of yet another neighboring toilet cubicle 14 on the right of the toilet cubicle 14.

[0038] A guiderail 8 is placed on an inner upper part of the right sidewall 14R (see Fig. 3). The guiderail 8 with one end part being held to the right sidewall 14R is placed through the upper part of the doorway 4 while another end being fixed to the left sidewall 14L. Although not illustrated in Fig. 3, the guiderail 8 is also placed inside the toilet cubicle on the left sidewall 14L functioning as the right sidewall 14R of the neighboring toilet cubicle 14 on the left. Further, a door drive unit 63 is placed in the vicinity of the guiderail 8 at a front-end upper part of the right sidewall 14R. The door 9 is placed by being hung from the guiderail 8, and the door 9 is moved by the door drive unit 63 along the guiderail 8 to open/close the doorway 4. Further, a lock 91 is provided to the guiderail 8, locking up/unlocking of the lock 91 is controlled in accordance with the drive of the door 9 by the door drive unit 63.

[0102] Further, when it is determined that the prescribed time has passed (Yes in step S270), the management server 2 determines whether or not there is a cancellation request received from the control device 44 or the manager terminal 3 (step S280). For example, when the user retrieves the article left behind and inputs cancellation by operating the operation unit 431, the control device 44 transmits to the management server 2 the detection result indicating that the cancellation of the remaining article is detected. Further, when it is determined that it is unnecessary to close the door as a result of checking the image, the manager inputs cancellation to the manager terminal 3 and the manager terminal 3 notifies cancellation to the management server 2.

[0103] When there is the cancellation request from the manager terminal 3 or the control device 44 (Yes in step S280), the management server 2 ends the processing of Fig. 12 without performing a control of the door 9. When there is no cancellation request (No in step S280), the management server 2 transmits a control signal for closing the door 9 to the control device 44 to perform a control to close the door 9. The control device upon receiving the control signal for closing the door 9 moves the door 9 to close the doorway 4 by the door drive unit 63 and locks the door. Thereby, the control for closing the door 9 is performed when there is an article of the user left behind or there is a suspicious article present in the toilet cubicle 14.

[0104] <Effects of Embodiment>

With the present embodiment described above, the type of abnormality can be determined depending on which of the first to third conditions the detection result of the detection unit 46 satisfies, and the door of the toilet cubicle can be controlled according to the type of abnormality, i.e., according to the situation inside the toilet cubicle.