DESCRIPTION

AIR FLOW ENVIRONMENT SYSTEM

TECHNICAL FIELD

[0001] The present disclosure relates to an air flow environment system that forms an air flow in an environmental space.

BACKGROUND ART

[0002] As a conventional example, air cleaner 100 described in Patent Literature 1 will be described with reference to Fig. 6. Fig. 6 is an external perspective view illustrating a structure of conventional air cleaner 100. As illustrated in Fig. 6, conventional air cleaner 100 includes smoking seat 101 serving as an open space, furniture 102 disposed in front of smoking seat 101, and air intake unit 103 disposed on smoking seat 101 side with respect to furniture 102. In air cleaner 100, air flow 105 discharged from exhaust port 104 of furniture 102 having an air discharge unit built therein flows obliquely upward toward air intake opening 106 of air intake unit 103 and is taken into air intake opening 106. According to such air cleaner 100, smoke of cigarettes or the like is caught by air flow 105 directed obliquely upward. Therefore, an outer space (on the side opposite to smoking seat 101 with respect to furniture 102) serving as a non-smoker's area and an inner space (on the side of smoking seat 101 with respect to furniture 102) serving as a smoker's area are blocked from each other, and thus, it is possible to suppress diffusion of tobacco smoke or the like from the inner space to the outer space.

Citation List

Patent Literature

[0003] PTL 1: Unexamined Japanese Patent Publication No. H9-010528

SUMMARY

[0004] According to conventional air cleaner 100, an air flow directed obliquely upward enables an air flow to be suppressed between the outer space and the environmental space which is the inner space. However, in conventional air cleaner 100, there is room for air to flow in and out on a side part of smoking seat 101. Therefore, it is not sufficient to confine the flow of air in the environmental space and improve comfort (air flow feeling, cool

feeling, clean feeling, and the like) for a user who uses the environmental space. In other words, it is demanded to improve user's comfort in the environmental space.

[0005] The present disclosure provides an air flow environment system enabling improvement of user's comfort in an environmental space.

[0006] In one aspect, an air flow environment system according to the present disclosure includes: a housing in which a specific space is formed and an open face opened to an external space is provided on a front side; a discharge port that is provided on a lower surface side in the housing, and on a back side opposite to the front side in the housing, discharges an air flow flowing along a specific direction to the specific space; and a reflection part provided on an upper surface side opposite to the lower surface side in the housing so as to be opposed to the discharge port in the specific direction, and configured to have the air flow flowing along the specific direction hit. The reflection part makes the air flow that has hit the reflection part flow back from the upper surface side in the housing to the lower surface side in the housing so as to cross the open face.

[0007] According to the present disclosure, an air flow environment system enabling improvement of user's comfort in an environmental space can be obtained.

BRIEF DESCRIPTION OF THE DRAWINGS

[0008] Fig. 1 is an external perspective view of an air flow environment system according to a first exemplary embodiment of the present disclosure.

Fig. 2 is a block diagram showing a configuration of a blower system in the air flow environment system according to the first exemplary embodiment.

Fig. 3 is a schematic view for explaining an air flow formed by the air flow environment system according to the first exemplary embodiment.

Fig. 4 is a view schematically showing a configuration of an air flow environment system according to a second exemplary embodiment of the present disclosure.

Fig. 5 is a view schematically showing a configuration of an air flow environment system according to a third exemplary embodiment of the present disclosure.

Fig. 6 is an external perspective view showing a structure of a conventional air cleaner.

DESCRIPTION OF EMBODIMENT

[0009] An air flow environment system according to the present disclosure includes: a