

ABSTRACT

AIR CLEANER

Provided is an air cleaner that can take a large amount of air in a large space into a dust collector with good efficiency while being lightweight and having easy maintenance. An air cleaner 1-1 is provided with a drone 2 and a dust collector 4. The drone 2 has a main body unit 20 and propellers 21 - 24 attached to the tips of frames 25 - 28. The dust collector 4 has electric discharge electrodes 41 - 44 and a dust collection electrode 45. The electric discharge electrodes 41 - 44 are connected to a booster unit 33 within a central chamber 40. The booster unit 33 is electrically connected to a control unit 30 in the main body unit 20. Electric discharge is formed between the dust collection electrode 45 and the electric discharge electrodes 41 - 44, and dust particles in the air are charged and collected by the dust collection electrode 45.

(Fig.1)