

ABSTRACT OF THE DISCLOSURE

The present invention provides a steady flow structure and a ventilation apparatus having the steady flow structure. The ventilation apparatus comprises: a hood arranged indoors, an inner chamber of the hood constituting a work chamber; and a front wall of the hood formed with a front opening which opens towards the indoor environment; an air supply duct, which
5 supplies air into the work chamber through air supply outlets provided on the hood and extending in the left and right width direction of the work chamber; and an air exhaust duct, through which the air entering the work chamber through the front opening and the air entering the work chamber through the air supply outlets are exhausted from the work
10 chamber to outside; a steady flow structure is provided in the interior of the air supply duct, supply airflow enters into the steady flow structure in the left-right directions, and then blows out evenly and stably along the air supply outlets located along the sides of the steady flow structure after flowing through the steady flow structure. The ventilation apparatus provided by the present invention solves the problems of directionless, turbulent and chaotic airflow
15 blown out of air supply outlets which exist with ventilation apparatus in prior art, and reduces the working noise levels that exist in ventilation apparatus in prior art.

Selected drawing: Fig. 2