

AMMONIA ANALYZER**ABSTRACT OF THE DISCLOSURE**

Flue gas in a flue pipe is incorporated from a flue gas suction port (1a) into a sampling pipe (1) through a bag filter (7). Dust is removed from the flue gas through the bag filter (7). The bag filter (7), exposed to a flue gas flow in
5 the flue pipe, flutters to brush off dust adhering to the bag filter (7). A heater (3) keeps the internal temperature of the sampling pipe (1) at 300°C, to prevent adhesion/sedimentation of ammonium hydrogensulfate through a small amount of dust contained in the flue gas passed through the bag filter (7).

(Fig. 6)