

STOVE BURNER AND GAS STOVE

ABSTRACT

5 A stove burner (10) and a gas stove (1) can reliably detect a flame formed at a port with any level of heat. An ignitor (30) ignites a first port (22u) and allows a flame formed at the first port to spread to other first ports to start combustion at all the first ports. The flames at the first ports are spread to second ports (21f, 22f) above the first ports to start combustion also at all the second ports. A flame detection port (27) in the multiple first ports at which a flame detector detects a flame is located more inward in a radial direction of an outer circumferential
10 surface of a burner head (20) than the other first ports. A detection upper port (26) in the multiple second ports and above the flame detection port is also located more inward in the radial direction of the outer circumferential surface of the burner head than the other second ports. The flame at the detection upper port is less likely to shift the flame at the flame detection port radially outward, allowing stable detection of the flame.

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Fig. 4