[CLAIMS]

[Claim 1]

A reciprocating compressor having a piston, a cylinder, a crank part and a motor, converting a rotational motion of the motor into a reciprocating motion of the piston in the cylinder via the crank part housed in a casing, an intake valve provided on the piston introducing air in the casing into the cylinder, comprising:

a first lid part provided with a ~~small~~ hole which forms an intake port of the compressor, the ~~lid part~~casing constituting a portion of a cylindrical casing of the compressor, the lid part being provided at the end of the cylindrical casing;

a cylindrical part; and

a second lid part which forms a ~~small~~ chamber together with the first lid part,

wherein the second lid part is provided with a suction nozzle for sucking air into the ~~small~~ chamber and ~~.~~

~~[Claim 2]~~

~~The compressor according to claim 1, wherein~~ a filter is installed in the ~~small~~ chamber to divide the chamber into a compressor intake port side chamber and the suction nozzle side chamber.

[Claim ~~3~~2]

The compressor according to claim 1, wherein the suction nozzle has a length of 100 mm or more.

~~[Claim 4]~~

~~The compressor according to claim 1, wherein the compressor is a reciprocating compressor and the casing is a cylindrical crank case.~~

[Claim ~~5~~3]

An oxygen concentration device comprising:

an adsorption cylinder packed with an adsorbent which selectively adsorbs nitrogen rather than oxygen,

a compressor which supplies compressed air to the adsorption cylinder, and

a flow path switching valve which switches a flow path between the compressor, adsorption cylinder, and a discharge pipe in order to repeat at a fixed timing a sequence of an adsorption step where the adsorption cylinder is pressurized, and adsorbs nitrogen in the compressed air and generates un-adsorbed oxygen; and a desorption step where the adsorption cylinder is evacuated to regenerate the adsorbent,

wherein the compressor is the compressor according to claim 1.