CLAIMS:

1. A liquid spray device comprising:

a spraying mechanism including a liquid nozzle connected through a liquid supply tube to a liquid container in which a liquid is contained, and an air nozzle which is connected through an air supply tube to an air supply source and jets air to make the liquid discharged from a liquid discharge port of the liquid nozzle in a mist form; and

a case including an opening of which in a vicinity, the liquid discharge port of the liquid nozzle and an air discharge port of the air nozzle are disposed, the opening for discharging the liquid made in a mist form by jetting the air to an outside,

the liquid nozzle comprising: a discharge port-side portion formed with a discharge port-side flow path having the liquid discharge port; and an inlet-side portion having a liquid inlet to which the liquid is introduced through the liquid supply tube and formed with an inlet-side flow path communicating with the discharge port-side flow path,

through the air nozzle, an air flow path having the air discharge port being formed,

in and on peripheral wall portions of the liquid nozzle and the air nozzle, respective nozzle engaging portions in a positional relationship in which a discharge direction of the air forms a predetermined angle with a discharge direction of the liquid and the air discharge port and the liquid discharge port are close to each other at a predetermined distance being formed in a state of engaging in each other, and

on the peripheral wall portion of the liquid nozzle, a pedestal engaging

portion different from the nozzle engaging portion being formed, in a state of engaging the pedestal engaging portion in a nozzle mounting portion of a pedestal portion provided in a predetermined position in the case, the air discharge port and the liquid discharge port being disposed in the vicinity of the opening with the liquid discharge port further upward than a horizontal direction and with the air discharge port in a posture toward an outside of the opening.

2. The liquid spray device according to claim 1, wherein the liquid discharge port of the liquid nozzle is provided to be located on or further outside than an inner virtual line along an inner surface of the case which passes the opening.

3. The liquid spray device according to claim 2, wherein the liquid discharge port of the liquid nozzle is provided to be located in a range of a thickness of a peripheral edge portion forming the opening, the thickness sandwiched between the inner virtual line and an outer virtual line along an outer surface of the case.

4. The liquid spray device according to claim ~~2 or~~ 3, wherein the air discharge port of the air nozzle is provided to be located in the range of the thickness of the peripheral edge portion forming the opening, the thickness sandwiched between the inner virtual line and the outer virtual line along the outer surface of the case.

5. The liquid spray device according to any one of claims 1 to 4, wherein

the pedestal portion has an inclined portion which becomes higher as approaching the opening, and the inclined portion is provided with the nozzle mounting portion.

6. The liquid spray device according to claim 5,

wherein in the inlet-side portion of the liquid nozzle, a range of a predetermined length from the liquid inlet toward the discharge port-side portion serves as a connection cylinder portion for connecting the liquid supply tube, and

wherein through the pedestal portion, a tube through slit passed by the liquid supply tube connecting the connection cylinder portion and the liquid container is formed.

7. The liquid spray device according to claim 6, wherein the liquid supply tube comprises:

a first tube communicated on the liquid container side, and through the tube through slit, fixedly disposed so that a tip opening is open toward the connection cylinder portion of the liquid nozzle; and

a second tube connecting the first tube and the connection cylinder portion.

8. The liquid spray device according to any one of claims 1 to 7, wherein in the case, a container support shelf supporting the liquid container is provided, and a container connecting portion in which when a liquid outlet of the liquid container is connected in a state in which the liquid container is supported by the container support shelf, a liquid flow-through hole communicates with the

liquid outlet is provided, and the liquid supply tube is disposed to communicate with the liquid flow-through hole of the container connecting portion.

9. The liquid spray device according to claim 8, wherein to be capable of biasing the liquid container supported by the container support shelf in a direction in which the liquid outlet is pressed in the container connecting portion direction, the container support shelf is supported through elastic members in the case.

10. The liquid spray device according to any one of claims 1 to 9, wherein any of the liquid nozzle, the air nozzle, and the pedestal portion is a molded product of synthetic resin.