CLAIMS

1. An injection head for liquid fire extinguishing agent, in a fire extinguishing equipment using a liquid fire extinguishing agent, the injection head arranged for releasing the liquid fire extinguishing agent to a fire extinguishing area, wherein the injection head comprising of: an injection head body for connecting with a pipe providing the liquid fire extinguishing agent; an orifice plate arranged in the injection head body and forming with an orifice through which flowing the liquid fire extinguishing agent; a porous member having a block shape arranged in a exiting part of the orifice; and a baffle plate contacting with a end surface of said porous member opposite side of the exiting part of the orifice; wherein said baffle plate covers at least a projected area of a circumscribed circle of the orifice of an end surface of the porous member and, as well as the liquid fire extinguishing agent is released via a gap formed between the injection head body and the baffle plate,

wherein a release from of said liquid fire extinguishing agent has a fan shape having a predetermined angle in a direction orthogonal to an axial direction of the orifice,

and a partition wall for making a release form of said liquid fire extinguishing agent a fan shape and that forms both ends of the gap formed between the injection head body and the baffle plate is arranged on an inclined surface facing to the opposite side of the gap and, the gap having a wedge shape is formed between the inclined surface and the porous member.

2. The injection head for liquid fire extinguishing agent according to claim 1, wherein the width dimension of said gap is 30 mm or less.

3. The injection head for liquid fire extinguishing agent according

to claim 2, wherein the width dimension of said gap is 1 mm to 10 mm.

4. The injection head for liquid fire extinguishing agent according to a claim selected from claims 1 to 3, wherein the ratio of an inner diameter to an outer diameter of said gap is 0.7 or more.