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## ABSTRACT

Described is an ink jet type recording head of a multi-layer structure including a pressure generating unit (15) and a flow path unit (35). The pressure generating unit (15) is composed of a ceramic vibrating member with piezoelectric transducers (7) on the surface thereof, a ceramic first spacer member (1) with a plurality of through-holes forming pressure chambers (2), and a lid member (10) having through-holes (12) through which the pressure chambers (2) are in communication with a reservoir (21), these members being joined by firing in such a manner that a diaphragm (4) is placed on one surface of the first spacer member (1), and the lid member (10) is sealingly set on the other surface of the spacer member (1). The flow path unit (35) includes an ink supplying member (26) formed with a metal plate which has through-holes (27,28) through which the pressure chambers (2) are in communication with nozzle openings (31) and the reservoir (21) is in communication with the pressure chambers (2), a second spacer member (20) having the reservoir (21) and through-holes (22) through which the pressure chambers (2) are in communication with the nozzle openings (31), and a nozzle plate member (30), which members are joined together in such a manner that the ink supplying member (26) is placed on one surface of the second spacer member (20), and the nozzle plate member (30) is fixedly placed on the other surface of the second spacer member (20). The outer surface of the lid member (10) is joined to the outer surface of the ink supplying member (26) with a macromolecular adhesive agent.

This Sheet Has Been Replaced

