

ABSTRACT

Described is a printer using a line-type ink jet recording head. The line-type head (1) has pressure producing chambers (34) formed by dividing nozzle openings (31) extending in a recording paper width direction with vertical side walls and upper and lower ink flow paths (46,47) which communicate with each other through the pressure producing chambers (34) and extend in a horizontal direction. Each ink flow path (46,47) has an inlet for replenishing ink and an outlet for discharging the ink. A plurality of pressure producing elements (48) are provided for applying varied pressures to the pressure producing chambers (34) for jetting ink droplets. A sealing member selectively seals the nozzle openings (31) by abutting on the nozzle openings (31) when the recording head (1) has been evacuated to a predetermined position. An ink tank is connected to the inlets and the outlets through pipes, and an ink stream producing device is arranged in the pipes, for producing streams causing the ink to flow from the ink tank to the lower ink flow path (47) and then to the upper ink flow path (46) through the pressure producing chambers (34).

This Sheet Has Been Replaced



THIS SHEET HAS BEEN
REPLACED