

**INK JET RECORDING HEAD,
INK JET CARTRIDGE COMPRISING RECORDING HEAD,
AND METHOD FOR REFILLING INK JET CARTRIDGE WITH INK**

ABSTRACT OF THE DISCLOSURE

An ink jet recording head comprising: three sets of nozzle arrays each of which comprises a large nozzle array which includes a first ejection outlet group and a small nozzle array which includes the second ejection outlet group, the small nozzle array being adjacent to the large nozzle array, wherein the first ejection outlet group includes an ejection outlet for ejecting ink, and the second ejection outlet group includes an ejection outlet, having an ejection outlet diameter larger than the ejection outlet in the first ejection outlet group, for ejecting ink, wherein yellow, magenta and cyan inks are ejected to effect recording by the nozzle array sets when the ink jet recording head is moved in a main scan direction at a position opposing a recording material which is moving in a sub-scan direction, wherein in nozzle arrays constituted by two adjacent ones of the three nozzle array sets, the large nozzle array, the small nozzle array, the small nozzle array, the large nozzle array are arranged in the order named, in the main scanning direction, and wherein one of the two adjacent nozzle array sets ejects the cyan ink; the other one of the two adjacent nozzle array sets eject the magenta ink; a nozzle array set not constituting the two adjacent nozzle array sets ejects yellow ink.