

LIQUID DISCHARGE DEVICE AND LIQUID DISCHARGE METHOD

ABSTRACT OF THE DISCLOSURE

With a liquid discharge device, a maximum of N liquid droplets are discharged so as to land within each pixel region for forming a pixel corresponding to the pixel region, a target landing position is selected at random for each liquid droplet, from M liquid landing position candidates, forming an array in the direction of an array of nozzles, determined such that at least a part of the landing liquid droplet region corresponding to each landing position candidate is included within the pixel region, and the discharge direction of the liquid droplet is controlled such that the liquid droplet lands at the determined target landing position. The liquid discharge device having such a configuration has the advantage of preventing occurrence of streaks between dot columns in a printed image due to irregularities in an array of discharge portions.

FIG. 1