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(71) Applicant *(for all designated States except US)*: **RICOH COMPANY, LTD.** [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 (JP).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **ADACHI, Hiroshi** [JP/JP]; Nakayamaminami Park Homes 504, 115-3, Terayamacho, Midori-ku, Yokohama-shi, Kanagawa 226-0013 (JP). **FURUKAWA, Juichi** [JP/JP]; Maison de Honatsugi 402, 5-8, Saiwai-cho, Atsugi-shi, Kanagawa 243-0012 (JP).

(74) Agent: **HIROTA, Koichi**; Hirota, Nagare & Associates, 8th Floor, Miyata Building, 1-38-2, Yoyogi, Shibuya-ku, Tokyo 151-0053 (JP).

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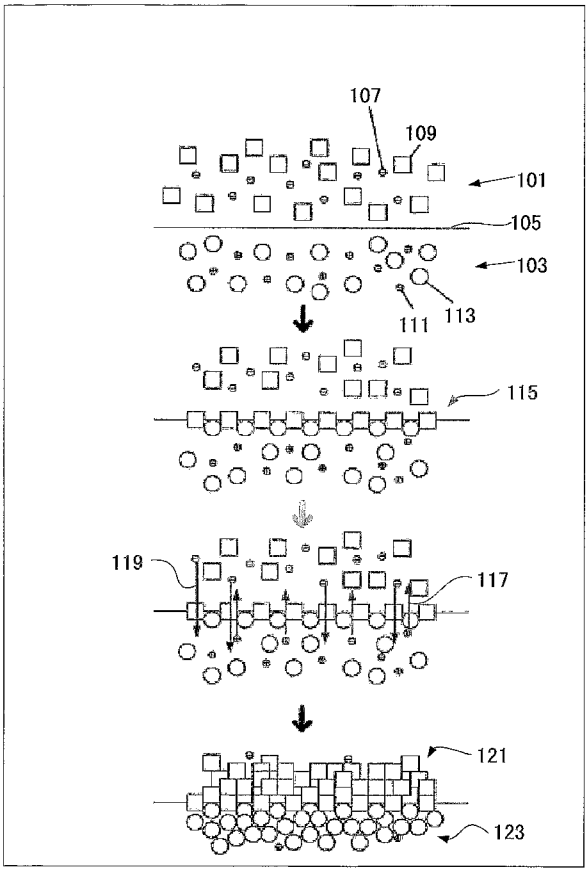
[Continued on next page]

(54) Title: INK SET, AND IMAGE FORMING PROCESS, IMAGE FORMING APPARATUS, CARTRIDGE AND RECORD USING THE SAME



(57) Abstract: A treating liquid composition containing fine particles being so configured that their dispersion is kept or broken by an external factor such as contact between substance or ultraviolet irradiation, and a recording liquid composition containing a colorant being so configured that its dispersion or dissolution is kept or broken by the external factor are ejected separately onto a recording medium by ink-jet system. Droplets of the treating liquid composition and of the recording liquid composition are brought into contact with each other to cause a condition change such as a pH change or solubility change. The fine particles and the colorant aggregate separately without being substantially mixed with each other. This ink set produces a deep, colorful, sharp and glossy print in exact accordance with an original while effectively preventing feathering and color bleed on whichever of absorbable recording media and nonabsorbable recording media.

WO 2004/080723 A1

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