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**Edamura et al.**

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(54) **APPARATUS AND METHOD OF INK-JET RECORDING AND NON-TRANSITORY COMPUTER-READABLE STORAGE MEDIUM**

(58) **Field of Classification Search**  
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See application file for complete search history.

(71) Applicant: **CANON KABUSHIKI KAISHA**,  
Tokyo (JP)

(72) Inventors: **Tetsuya Edamura**, Inagi (JP); **Masashi Hayashi**, Yokohama (JP); **Kazunori Yamauchi**, Yokohama (JP); **Tsukasa Doi**, Kawasaki (JP); **Daisuke Kobayashi**, Yokohama (JP)

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(73) Assignee: **Canon Kabushiki Kaisha**, Tokyo (JP)

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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*Primary Examiner* — Manish S Shah

*Assistant Examiner* — Yaovi M Ameh

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(74) *Attorney, Agent, or Firm* — Canon U.S.A., Inc. IP Division

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(57) **ABSTRACT**

(51) **Int. Cl.**  
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An apparatus and a method of recording in which an ink ejection failure due to an excessive rise in the temperature of ejection ports is prevented while preventing a decrease in throughput. If ink can run out and the amount of ink ejected to one unit area is large, recording on the unit area is performed with an increased number of scans.

(52) **U.S. Cl.**  
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**16 Claims, 19 Drawing Sheets**

