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(54) **IMAGE FORMING APPARATUS, IMAGE FORMING METHOD, AND COMPUTER-READABLE RECORDING MEDIUM**

(71) Applicants: **Makoto Nakura**, Ibaraki (JP); **Naoto Ueda**, Ibaraki (JP); **Satoshi Ueda**, Ibaraki (JP); **Shingo Takai**, Ibaraki (JP); **Koichi Kudo**, Kanagawa (JP)

(72) Inventors: **Makoto Nakura**, Ibaraki (JP); **Naoto Ueda**, Ibaraki (JP); **Satoshi Ueda**, Ibaraki (JP); **Shingo Takai**, Ibaraki (JP); **Koichi Kudo**, Kanagawa (JP)

(73) Assignee: **Ricoh Company, Ltd.**, Tokyo (JP)

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See application file for complete search history.

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Primary Examiner — Akwasi M Sarpong
(74) *Attorney, Agent, or Firm* — IPUSA, PLLC

(57) **ABSTRACT**

An image forming apparatus includes an image forming unit forming an image on a first recording medium based on image data, a measurement unit being positioned in an immediate vicinity of the image forming unit, being arranged upstream of a sheet-conveyance path than the image forming unit, and measuring a size of the first recording medium, an expansion ratio calculation unit calculating an expansion ratio of the first recording medium based on a first size of the first recording medium obtained before the first recording medium is passed through the image forming unit and a second size of the first recording medium obtained after the first recording medium is passed through the image forming unit, and a correction unit correcting the image data used for forming another image on a second recording medium conveyed after the first recording medium based on the expansion ratio.

15 Claims, 10 Drawing Sheets