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(54) **TONER ADJUSTING MECHANISM AND IMAGE FORMING APPARATUS**

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(71) Applicant: **FUJI XEROX CO., LTD.**, Tokyo (JP)

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(72) Inventors: **Taichi Yamada**, Kanagawa (JP);  
**Kazutoshi Yatsuda**, Kanagawa (JP);  
**Kazunari Komatsuzaki**, Kanagawa (JP)

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(73) Assignee: **FUJI XEROX CO., LTD.**, Tokyo (JP)

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*Primary Examiner* — David Gray

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*Assistant Examiner* — Warren K Fenwick

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(74) *Attorney, Agent, or Firm* — Oliff PLC

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(57) **ABSTRACT**

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Provided is a toner adjusting mechanism, including a storage section in which a liquid developer is stored, a supply section that causes the liquid developer which is stored in the storage section to flow at a predetermined flow velocity to supply the liquid developer to a developer tank, a circulating section that causes the liquid developer which is discharged from the storage section to flow and circulate at a flow velocity faster than the flow velocity of the liquid developer which flows in the supply section, a detecting section that detects a toner concentration of the liquid developer which flows in the circulating section, and an addition section that adds an adjustment agent which adjusts the toner concentration of the liquid developer to the liquid developer which is stored in the storage section.

(52) **U.S. Cl.**  
CPC ..... **G03G 15/0825** (2013.01)

(58) **Field of Classification Search**  
USPC ..... 399/58, 61  
See application file for complete search history.

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**6 Claims, 9 Drawing Sheets**

