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(54) **SYSTEM AND METHOD FOR MANAGING
RETAINING COOLING COMPONENTS IN
DATA PROCESSING SYSTEMS**

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(57) **ABSTRACT**

Methods and systems for managing the operation of data processing systems are disclosed. A data processing system may include a computing device that may provide computer implemented services. To provide the computer implemented services, hardware components of the data processing system may need to operate in predetermined manners. To manage the operation of the hardware components, the data processing system may cool the hardware components to dissipate heat from the hardware components. The data processing system may include a fan retention mechanism that facilitates orientation of positioning of cooling components used to dissipate the heat from the hardware components.

