



US 20230232088A1

(19) **United States**(12) **Patent Application Publication**  
**KATSUMATA**(10) **Pub. No.: US 2023/0232088 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **IMAGE CAPTURING APPARATUS CAPABLE OF SWINGING IMAGE SENSOR**(52) **U.S. Cl.**CPC ..... *H04N 23/52* (2023.01); *H04N 23/54* (2023.01); *H04N 23/687* (2023.01); *H04N 23/6812* (2023.01)(71) Applicant: **CANON KABUSHIKI KAISHA**,  
Tokyo (JP)(72) Inventor: **Momoe KATSUMATA**, Tokyo (JP)(21) Appl. No.: **18/150,998**(22) Filed: **Jan. 6, 2023**(30) **Foreign Application Priority Data**

Jan. 14, 2022 (JP) ..... 2022-004479

**Publication Classification**(51) **Int. Cl.***H04N 23/52* (2006.01)*H04N 23/54* (2006.01)*H04N 23/68* (2006.01)(57) **ABSTRACT**

An image capturing apparatus includes an image sensor unit having an image sensor in a state swingable within a plane orthogonal to an image capturing optical axis, a cooling plate connected to the image sensor unit, and a heat dissipation unit attached to a rear side plate. The heat dissipation unit includes a heat dissipation rubber movable in the image capturing optical axis direction between a contact position in contact with the cooling plate and a spaced position spaced from the cooling plate, and a graphite sheet that connects between the heat dissipation rubber and a heat dissipation plate. In the contact position of the heat dissipation rubber, heat from the image sensor is transferred to the rear side plate via the cooling plate, the heat dissipation rubber, the graphite sheet, and the heat dissipation plate.

