

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2022/0377950 A1 MATSUMOTO et al.

Nov. 24, 2022 (43) **Pub. Date:**

(54) IMAGING DEVICE

(71) Applicant: Panasonic Intellectual Property Management Co., Ltd., Osaka (JP)

(72) Inventors: Yasutaka MATSUMOTO, Tokyo (JP); Makoto SAITO, Kanagawa (JP); Yoshihisa SHIMAZU, Kanagawa (JP);

Keiichi UJITA, Kanagawa (JP)

(21) Appl. No.: 17/743,981

(22)Filed: May 13, 2022

(30)Foreign Application Priority Data

May 21, 2021 (JP) 2021-086420

Publication Classification

(51) Int. Cl. H05K 9/00 (2006.01)H04N 5/225 (2006.01)

(52)U.S. Cl. CPC H05K 9/0009 (2013.01); H04N 5/22521

(2018.08); H04N 5/2252 (2013.01)

(57)**ABSTRACT**

An imaging device according to the present disclosure includes a front case, a rear case, and a shield member. The front case supports an imaging optical unit. The rear case includes an electrically conductive output mechanism configured to output a signal output from the imaging optical unit. The shield member electrically connects the front case and the output mechanism.

