

EXHIBIT

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Bolash et al.

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- (54) **MEDIA TYPE SENSING METHOD FOR AN IMAGING APPARATUS**
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- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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- (51) **Int. Cl.**
G01N 21/86 (2006.01)
G01V 8/00 (2006.01)
B41J 29/393 (2006.01)

- (52) **U.S. Cl.** **250/559.16; 250/559.18; 347/19**

- (58) **Field of Classification Search** 250/559.16-559.18; 356/445, 446, 448; 347/14, 347/16, 19, 105, 106; 101/484; 400/708, 400/624-633.2; 399/45, 389; 271/258.01, 271/265.01
See application file for complete search history.

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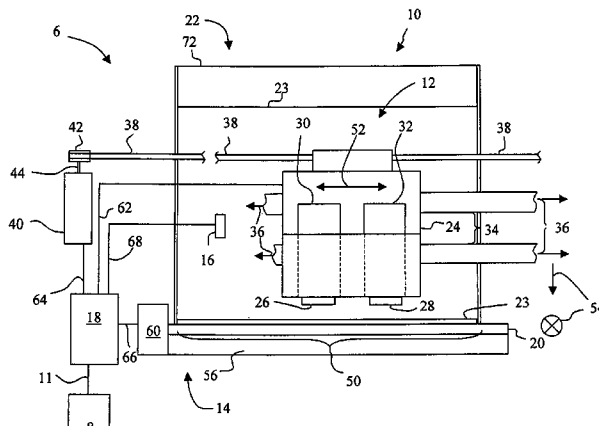
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- (57) **ABSTRACT**

A method of correcting for sensitivity variation of media sensors includes determining a first signal level corresponding to a first calibration media having a first glossiness; determining a second signal level corresponding to a second calibration media having a second glossiness, the second glossiness being greater than the first glossiness; and determining a corrected normalized signal level ratio of an unknown media based on the first signal level of the first calibration media and the second signal level of the second calibration media.

5 Claims, 8 Drawing Sheets



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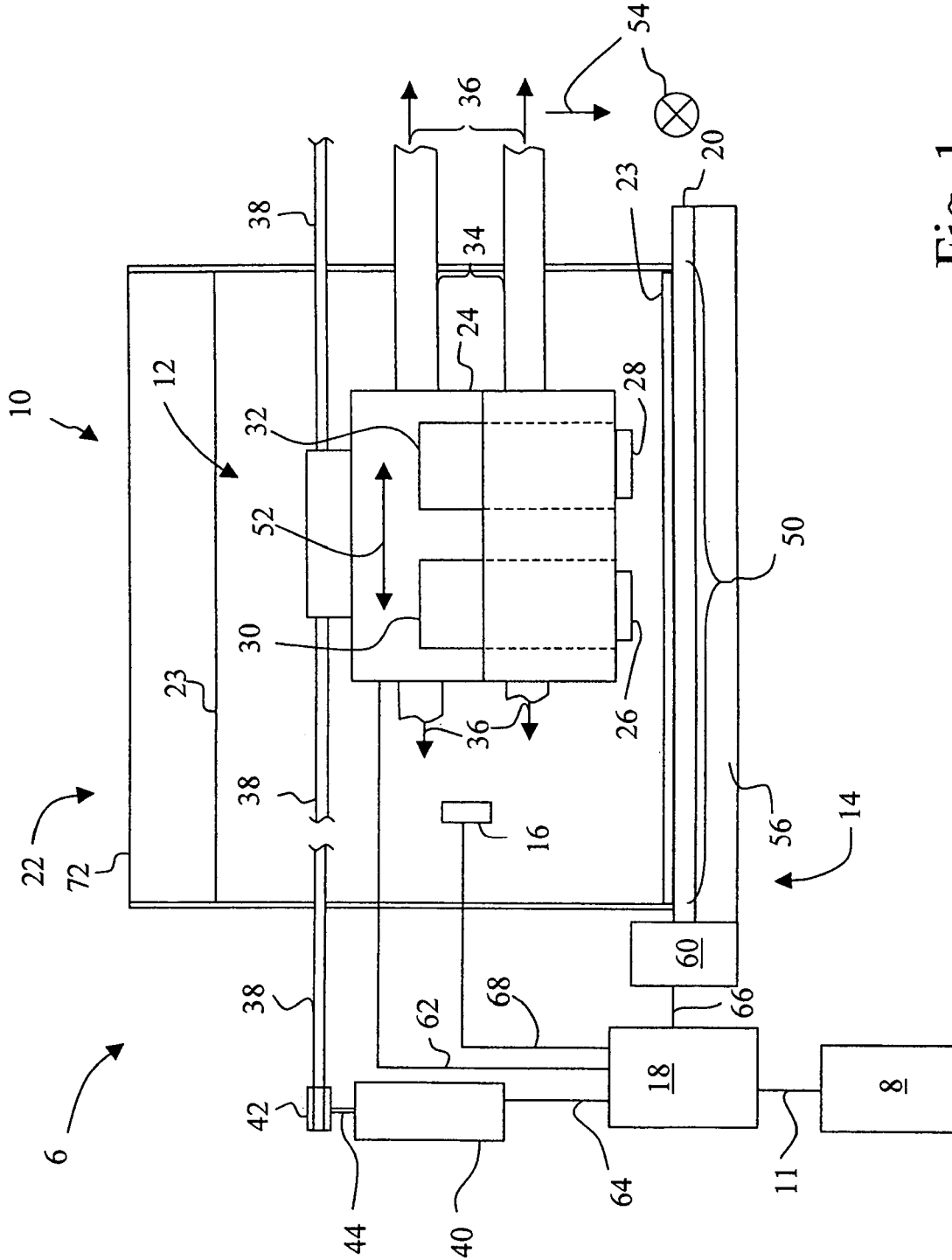


Fig. 1

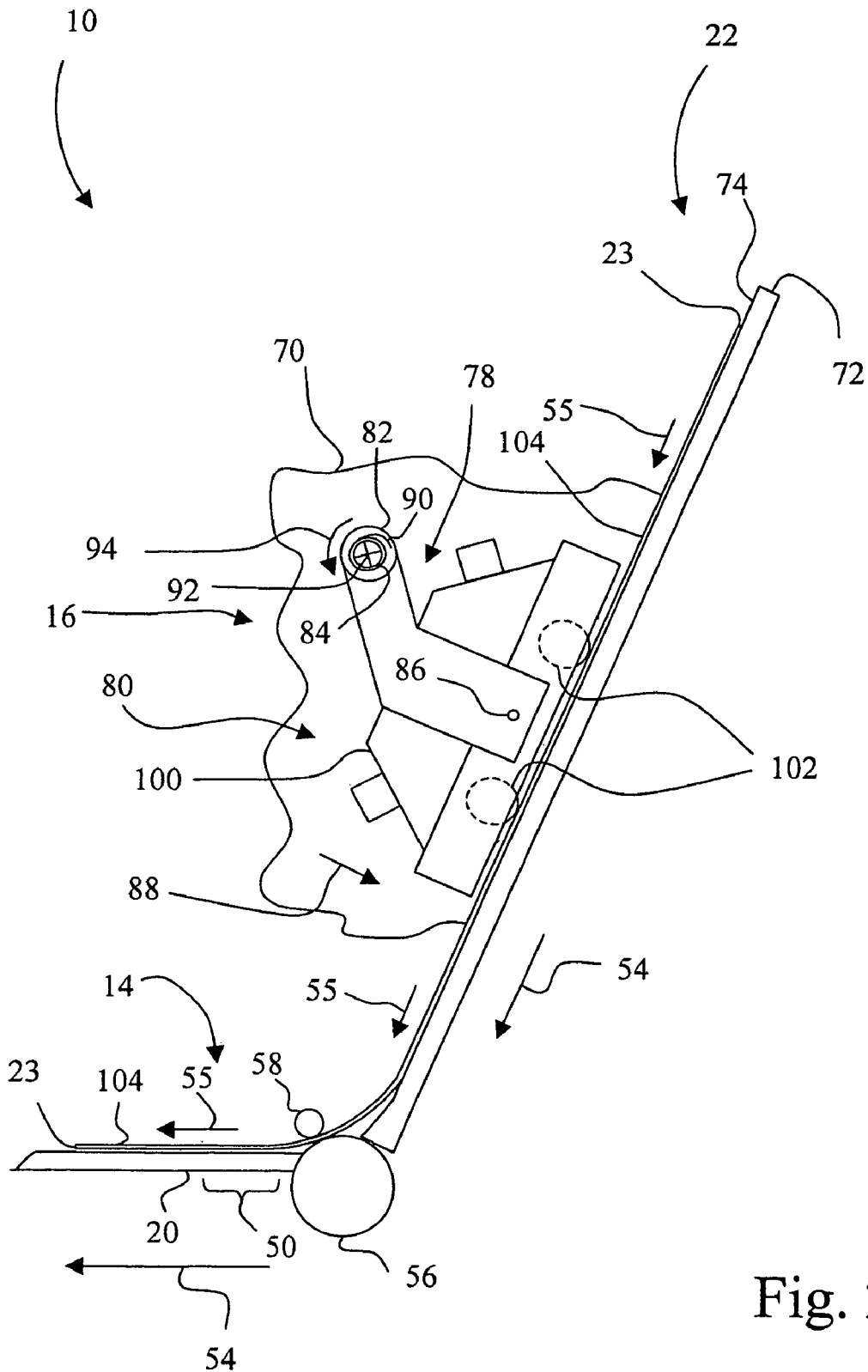


Fig. 2

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