



US009565419B2

(12) **United States Patent**  
**Presler**

(10) **Patent No.:** **US 9,565,419 B2**  
(45) **Date of Patent:** **Feb. 7, 2017**

(54) **DIGITAL CAMERA SYSTEM FOR  
RECORDING, EDITING AND VISUALIZING  
IMAGES**

(2013.01); H04N 5/85 (2013.01); H04N 5/907  
(2013.01); H04N 9/7921 (2013.01); H04N  
9/804 (2013.01)

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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 2199 days.

(58) **Field of Classification Search**

CPC .... H04N 13/0203; H04N 5/225; H04N 5/232;  
H04N 5/765; H04N 5/772; H04N 5/781;  
H04N 5/85; H04N 5/907; H04N 9/7921;  
H04N 9/804; G03B 17/56  
USPC ..... 725/105; 348/340, 46, 211.2  
See application file for complete search history.

(21) Appl. No.: **12/595,811**

(22) PCT Filed: **Apr. 14, 2008**

(86) PCT No.: **PCT/US2008/060272**

§ 371 (c)(1),  
(2), (4) Date: **Oct. 13, 2009**

(56)

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(87) PCT Pub. No.: **WO2008/128205**

PCT Pub. Date: **Oct. 23, 2008**

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(65) **Prior Publication Data**

US 2010/0111489 A1 May 6, 2010

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**Related U.S. Application Data**

(60) Provisional application No. 60/923,339, filed on Apr.  
13, 2007.

(51) **Int. Cl.**

**H04N 5/907** (2006.01)  
**H04N 9/79** (2006.01)  
**H04N 9/804** (2006.01)  
**G03B 17/56** (2006.01)  
**H04N 13/02** (2006.01)

(Continued)

(52) **U.S. Cl.**

CPC ..... **H04N 13/0203** (2013.01); **G03B 17/56**  
(2013.01); **H04N 5/225** (2013.01); **H04N**  
**5/232** (2013.01); **H04N 5/772** (2013.01);  
**H04N 5/765** (2013.01); **H04N 5/781**

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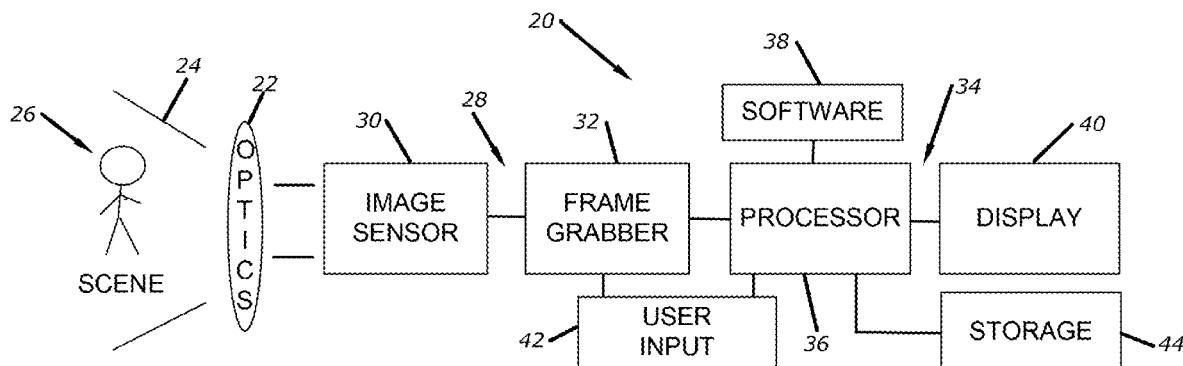
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(57)

**ABSTRACT**

A digital camera system (20), as illustrated in FIG. 1,  
includes an optical assembly (22) to gather light (24) from  
a desired scene (26), a modular imaging subsystem (28)  
aligned with the optical assembly (22), and an image pro-  
cessing, recording and display subsystem (34).

**44 Claims, 12 Drawing Sheets**



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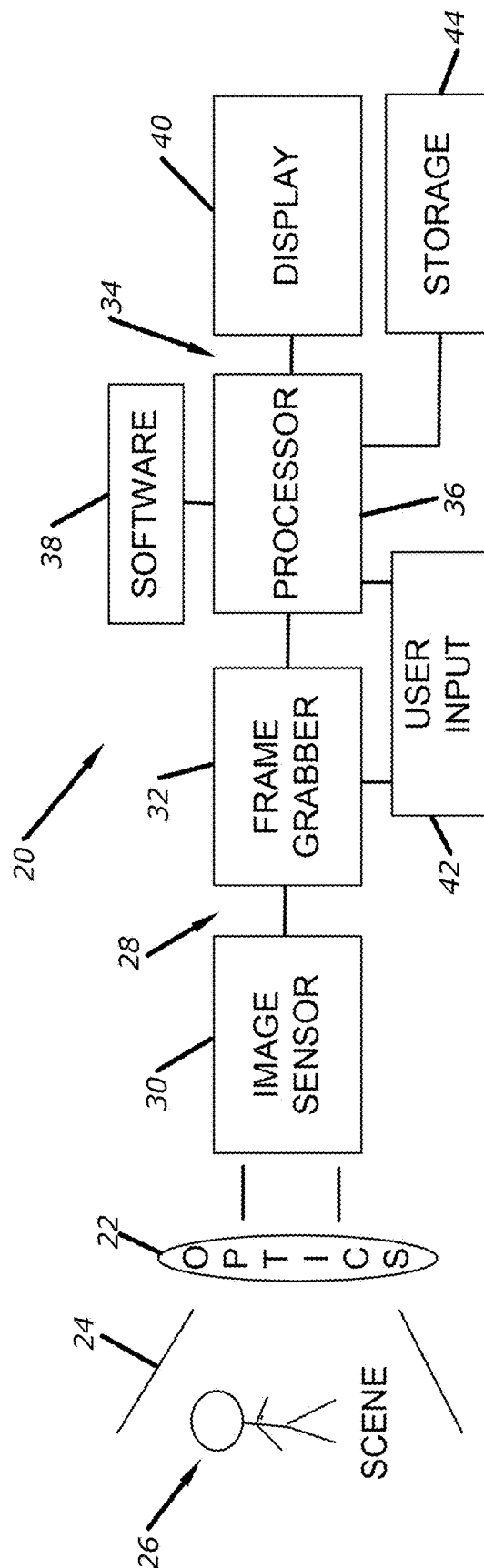


FIG. 1

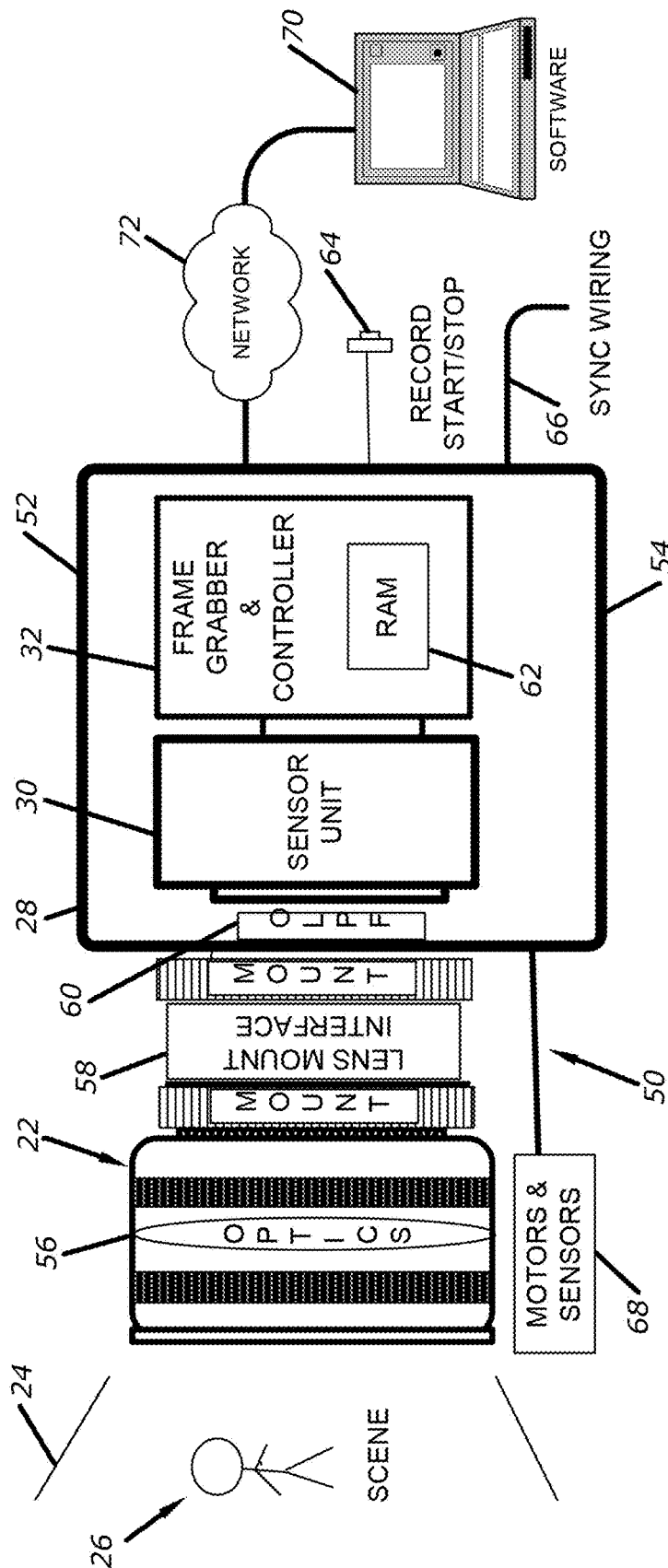


FIG. 2

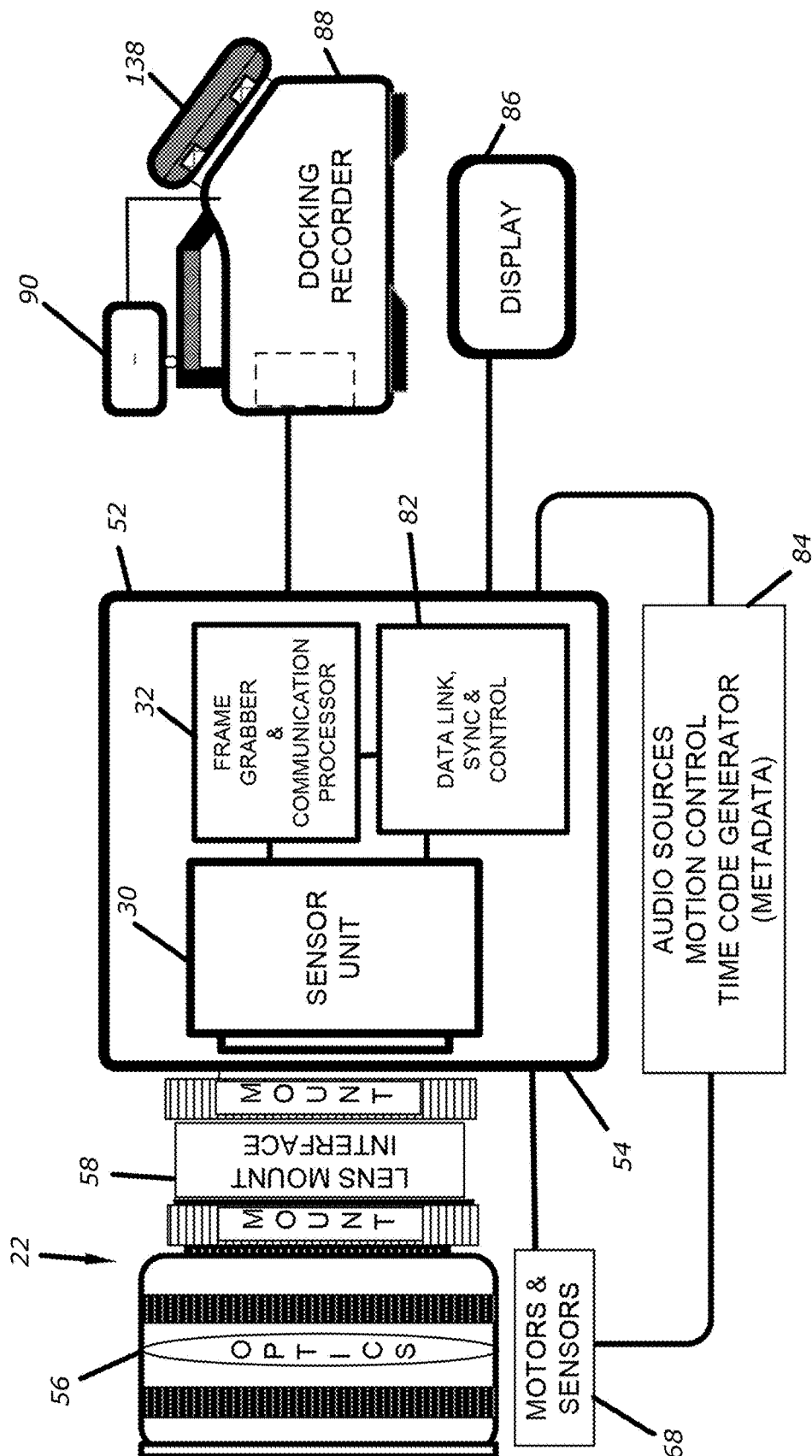


FIG. 3

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