



US010230898B2

(12) **United States Patent**  
**Cohen et al.**

(10) **Patent No.:** **US 10,230,898 B2**  
(45) **Date of Patent:** **Mar. 12, 2019**

(54) **DUAL APERTURE ZOOM CAMERA WITH VIDEO SUPPORT AND SWITCHING / NON-SWITCHING DYNAMIC CONTROL**

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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.

(21) Appl. No.: **15/324,720**

(22) PCT Filed: **Jun. 26, 2016**

(86) PCT No.: **PCT/IB2016/053803**

§ 371 (c)(1),  
(2) Date: **Jan. 8, 2017**

(87) PCT Pub. No.: **WO2017/025822**

PCT Pub. Date: **Feb. 16, 2017**

(65) **Prior Publication Data**

US 2018/0184010 A1 Jun. 28, 2018

**Related U.S. Application Data**

(60) Provisional application No. 62/204,667, filed on Aug. 13, 2015.

(51) **Int. Cl.**

**H04N 5/232** (2006.01)  
**H04N 5/225** (2006.01)

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

CPC ..... **H04N 5/23296** (2013.01); **H04N 5/2258** (2013.01); **H04N 5/23216** (2013.01); **H04N 5/23245** (2013.01)

(58) **Field of Classification Search**

CPC ..... **H04N 5/23296; H04N 5/2258; H04N 5/23216; H04N 5/23245**  
See application file for complete search history.

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(57) **ABSTRACT**

A dual-aperture zoom digital camera operable in both still and video modes. The camera includes Wide and Tele imaging sections with respective lens/sensor combinations and image signal processors and a camera controller operatively coupled to the Wide and Tele imaging sections. The Wide and Tele imaging sections provide respective image data. The controller is configured to output, in a zoom-in operation between a lower zoom factor (ZF) value and a higher ZF value, a zoom video output image that includes

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