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[11]

METHOD AND SYSTEM FOR CREATING A SLIDE SHOW WITH A SOUND TRACK IN REAL-TIME USING A DIGITAL CAMERA

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[51] **Int. Cl.**⁶ **H04N 5/91**; H04N 5/928

[52]

[58] 386/117, 121, 54, 39, 120, 46, 104; 360/32;

H04N 5/91, 5/928

[56] References Cited

U.S. PATENT DOCUMENTS

Primary Examiner—Robert Chevalier Attorney, Agent, or Firm-Stephen G. Sullivan

Patent Number:

ABSTRACT [57]

A method and system for creating a slide show with realtime audio in a digital camera. First audio is recorded that implicitly includes a time-based time-line. While the audio is being recorded, a plurality of images are captured, where each one of the plurality of images is captured at some time along the time-line. After capturing images, the recording of the audio is ended. The method and system further includes presenting a slide show from the plurality of images and the recorded audio by playing the recorded audio, while displaying each one of the plurality of images on a display device at the time that the image was captured along the time-line of the recorded audio.

14 Claims, 5 Drawing Sheets

Playback Slide Show with Live Audio

	Image 1			Image 2	Image 3] ,	→
		<u>430</u>	Audio Track			<u> </u>	-
0:0:0			(0:3:8	0:4:9		



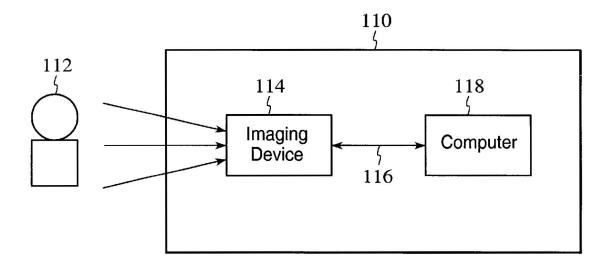
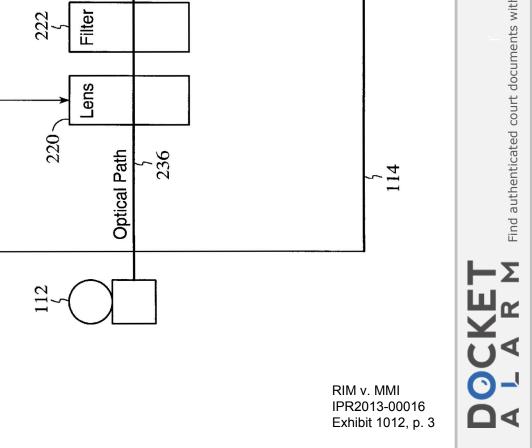


FIG. 1



Timing Generator

226

A/D Converter

Analog Signal Processor

230

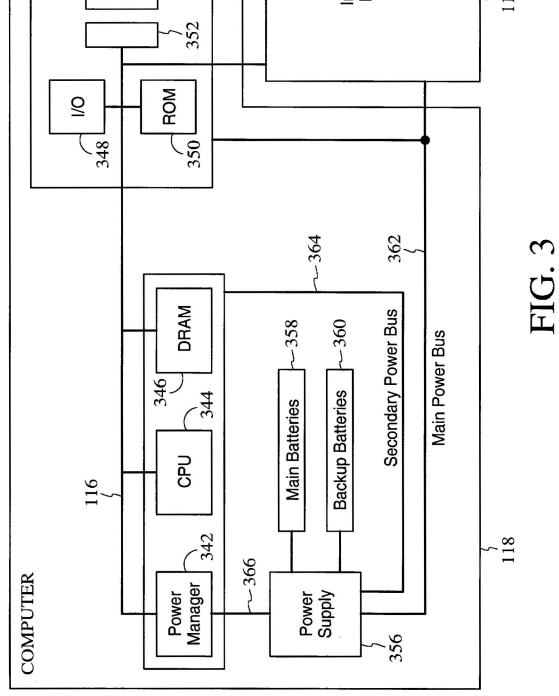
228

Image Sensor

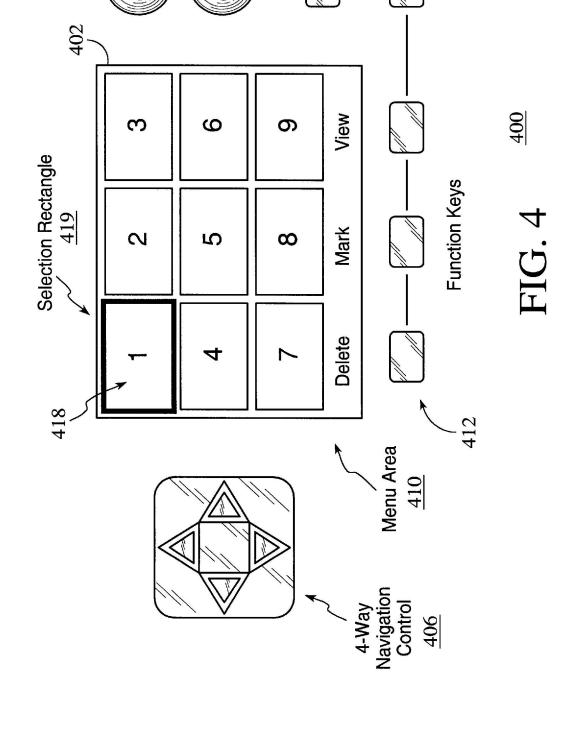
224

Motors

234~









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