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EXHIBIT A



US009691429B2

(12) United States Patent

Leiberman et al.

(54) SYSTEMS AND METHODS FOR CREATING MUSIC VIDEOS SYNCHRONIZED WITH AN AUDIO TRACK

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U.S.C. 154(b) by 43 days.

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(51) Int. Cl.

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G11B 27/031 (2006.01)

#04N 9/82 (2006.01)

G11B 27/34 (2006.01)

#04N 21/43 (2011.01)

#04N 21/8547 (2011.01)

(52) U.S. Cl.

CPC *G11B 27/031* (2013.01); *G11B 27/34* (2013.01); *H04N 9/8211* (2013.01); *H04N 21/4307* (2013.01); *H04N 21/8547* (2013.01)

(58) Field of Classification Search

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(10) Patent No.: US 9,691,429 B2

(45) **Date of Patent:** Jun. 27, 2017

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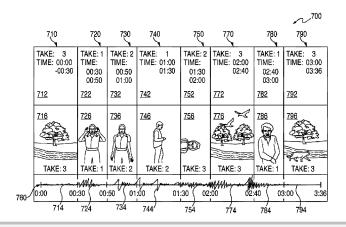
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(57) ABSTRACT

Systems and methods for creating music videos synchronized with an audio track are provided. In some embodiments, an audio track may be selected and one or more video takes may be captured while the selected audio track plays. The video takes may be analyzed while they are captured to determine, for example, a video intensity level and/or a number of faces recognized within each take. By capturing the video takes with the audio track, the video takes may be synchronized to the audio tracks so that they are in time with one another. Portions or subsets of the video takes may be paired or matched with certain sections of the audio track based on, for example, the audio characteristics for a particular section and video characteristics of a particular take.

19 Claims, 17 Drawing Sheets





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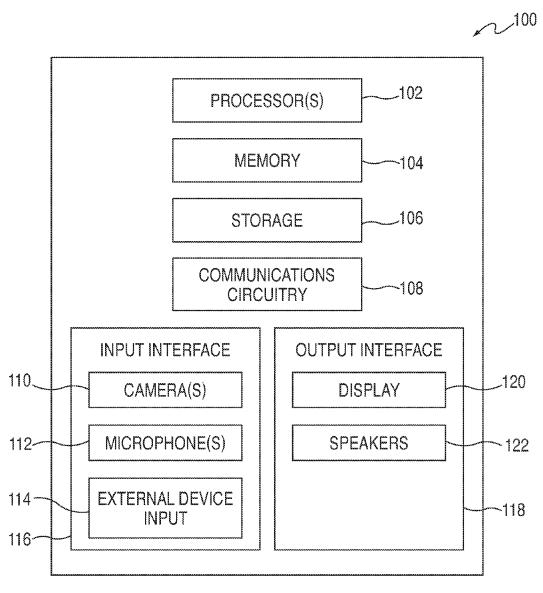


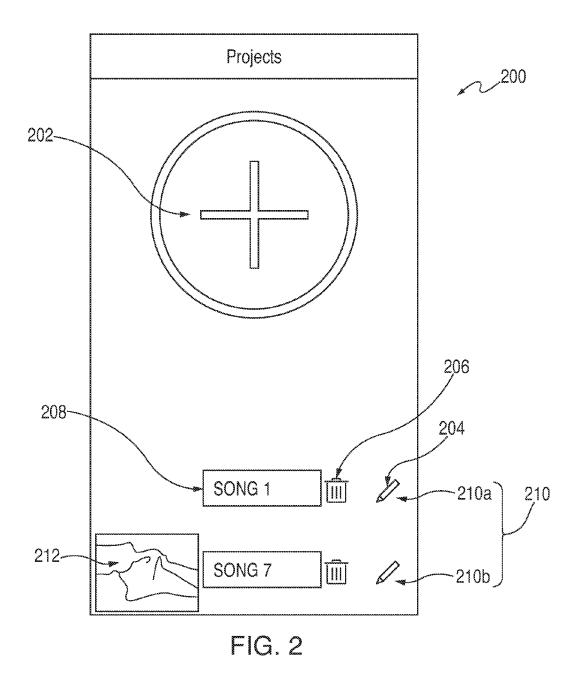
FIG. 1

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