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(71) Applicant: **Sonic IP, Inc** [US/US]; 2830 De La Cruz
Boulevard, Santa Clara, CA 95050 (US).

(72) Inventors: **EROFEEV, Kirill**; Akademicheskii 11-14,
Tomsk, 634055 (RU). **PETROVA, Galina**; 38 - 68, Eliz-
arovih Street, Tomsk, 634012 (RU). **SAHNO, Dmitry**; 20
- 42, Ovrazhniy Lane, Tomsk, 634021 (RU).

(74) Agent: **WILBAR, William, P.**; Kauth, Pomeroy, Peck &
Bailey, LLP, 2400 E. Katella, Suite 1050, Anaheim, CA
92806 (US).

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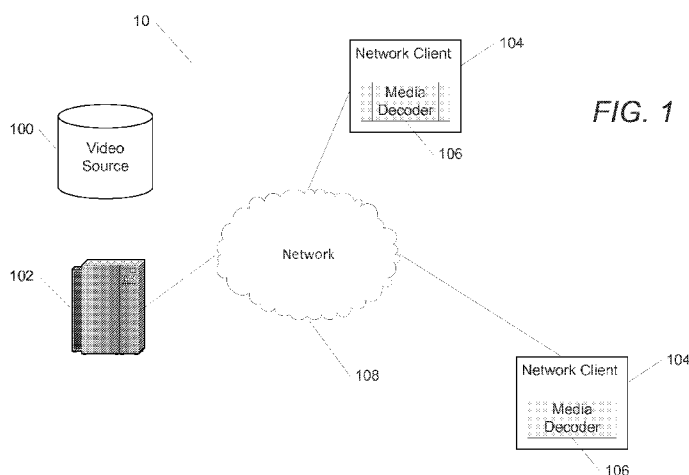
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(54) Title: LIVE MULTIMEDIA WITH SYNCHRONIZED RESAMPLED AUDIO DATA



(57) Abstract: Systems and methods for encoding live multimedia content with audio data synchronized with other streams of data within the multimedia content, including video data in accordance with embodiments of the invention are disclosed. In one embodiment of the invention, an encoding system includes live multimedia content storage configured to store live multimedia content including audio data and video data, a processor, and a multimedia encoder, wherein the multimedia encoder configures the processor to receive live multimedia content, generate a timeline using the video data, compute a first time window, align the audio data to the video data using the audio samples and the timeline, measure a synchronization value of the aligned audio data to the video data, resample at least one audio sample in the aligned audio data when the synchronization value exceeds a threshold value, and multiplex the audio data and video data into a container file.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G06F 11/00, 15/00, 15/16 (2013.01) USPC - 714/758; 715/201 According to International Patent Classification (IPC) or to both national classification and IPC		
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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 7,624,337 B2 (SÜLL, S et al.) November 24, 2009: abstract; column 2, lines 16-17; column 16, lines 53-55; column 20, lines 58-60; column 22, lines 7-10; column 22, lines 25-27	1-8, 10-19, 21-44 9, 20
Y	US 6,995,311 B2 (STEVENSON, A) February 7, 2006: abstract; column 15, lines 60-63	9, 20
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