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MA et al.(10) **Pub. No.: US 2022/0353975 A1**(43) **Pub. Date: Nov. 3, 2022**(54) **SYSTEM AND METHOD FOR ACHIEVING  
SYNCHRONIZED AUDIO AND IMAGE  
CONTROL OF LIGHTING**(71) Applicant: **SHENZHEN LINKLITE SMART  
LIGHTING CO., LTD**, SHENZHEN  
CITY (CN)(72) Inventors: **YI MA**, SHENZHEN CITY (CN);  
**SHANGCHAO ZHANG**, SHENZHEN  
CITY (CN); **HUI DAI**, SHENZHEN  
CITY (CN); **WENJUN XIE**,  
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**ABSTRACT**

A system and method for achieving synchronized audio and image control of lighting is provided. The system includes: audio-image information acquisition and processing software of an audio-image playback device for achieving acquisition, analysis, and processing of audio and screen image information, and encapsulating the audio and screen image information into a synchronization control instruction according to a predetermined control strategy; a cloud server; and a lighting device for receiving the synchronization control instruction transmitted from the audio-image information acquisition and processing software to separate out audio and screen image color control instructions, and controlling colors and rhythm changes of a lamp according to a predetermined control strategy.

