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(54) **ELECTRONIC DEVICE FOR CAPTURING  
MOVING IMAGE AND OPERATION  
METHOD THEREOF**

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(57) **ABSTRACT**

An electronic device obtains first video data by using a camera, obtains first reference data depending on a first schedule during a first time duration by using a microphone, receives first audio data corresponding to the first video data from an external electronic device via a wireless communication circuit, and changes the first schedule to a second schedule based on a comparison result between the first reference data and a portion of the first audio data. The electronic device further obtains second reference data depending on the second schedule during a second time duration subsequent to the first time duration by using the microphone, corrects a delay of the first audio data based on the second reference data, and creates a moving image file based on the first video data and the corrected first audio data.

