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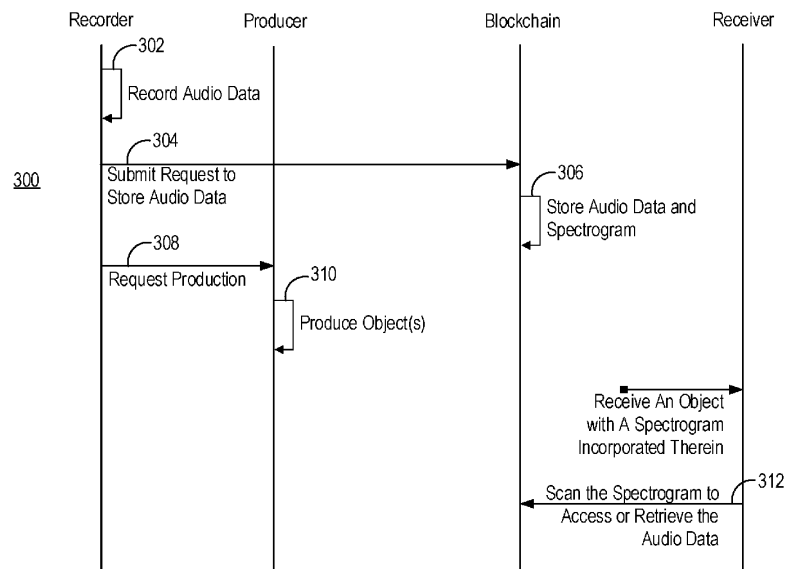


FIG. 3

(57) Abstract: Disclosed herein are methods, devices, and apparatuses, including computer programs stored on computer-readable media, for storing and managing audio data. One of the methods includes: receiving a request to store audio data; associating the audio data with a spectrogram generated based on the audio data; storing the audio data and the spectrogram on a blockchain; and providing access to the audio data based on the spectrogram.

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