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#### (54) AUDIO CALIBRATION OF A PORTABLE PLAYBACK DEVICE

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#### (57)**ABSTRACT**

Disclosed herein are example techniques to facilitate calibrating a portable playback device. An example implementation involves determining that a playback device is to perform an equalization calibration of the playback device and initiating the equalization calibration. Initiating the equalization calibration involves (i) outputting audio content, (ii) capturing audio data representing reflections of the audio content within an area in which the playback device is located, (iii) determining an acoustic response of the area in which the playback device is located, (iv) selecting a stored acoustic response from the acoustic response database that is most similar to the determined acoustic response of the area in which the playback device is located, and (v) applying to the audio content, via the playback device, a set of stored audio calibration settings associated with the selected stored acoustic area response.

