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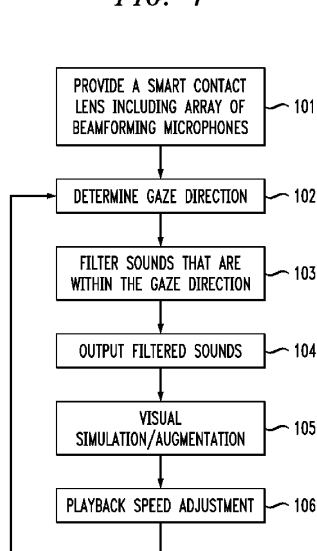
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(54) **Title:** HEARING ASSISTANCE DEVICE WITH SMART AUDIO FOCUS CONTROL

**FIG. 1**



(57) **Abstract:** A method includes providing a smart contact lens including an array of beamforming microphones, wherein the smart contact lens is worn by a user and the array of beamforming microphones receive sound from different directions, determining a gaze direction of the user, filter the sound received by the array of beamforming microphones based on the gaze direction of the user to determine filtered sound, and output the filtered sound via a bone conduction hearing device.

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