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(54) RESPONSE-SELECT NULL STEERING CIRCUIT

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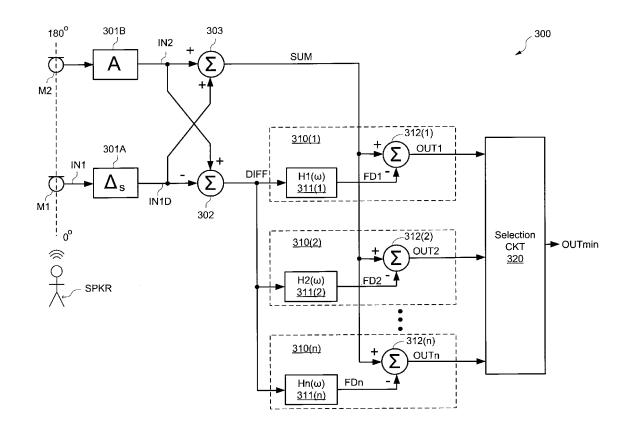
- (51) Int. Cl. G10L 21/02 (2006.01)
- (52)

ABSTRACT (57)

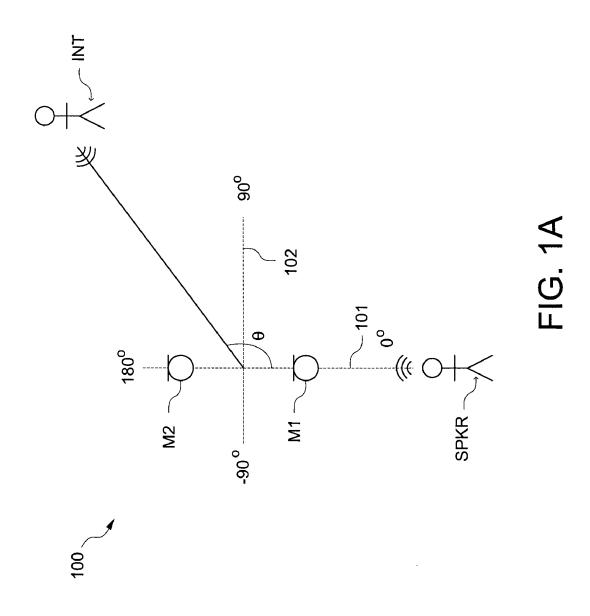
A response select null steering circuit includes a beamformer, a plurality of separate fixed filters, and a selection circuit. In response to sound signals emitted from a desired speaker and an unwanted interferer, a sum signal containing signal components of the speaker and interferer is generated, and the beamformer generates a difference signal that suppresses signal components of the speaker. Each filter provides a null in a unique direction relative to the desired speaker, and can be individually configured to suppress sound signals from an interferer in a particular direction. The selection circuit selects the filter output signal that has the least amount of signal energy as achieving the best suppression of the unwanted interferer.

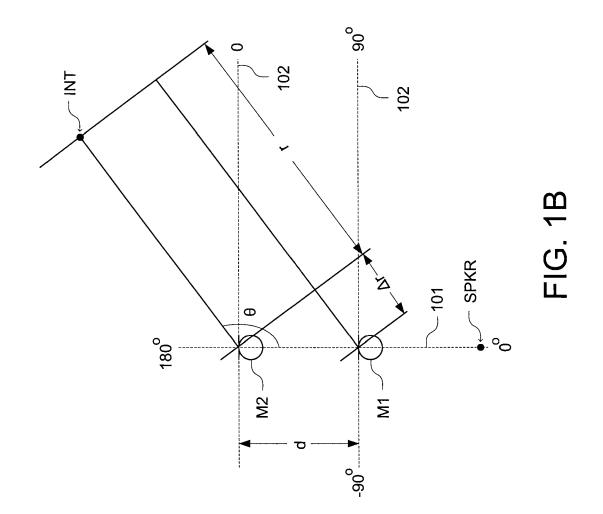
Samsung v. Jawbone

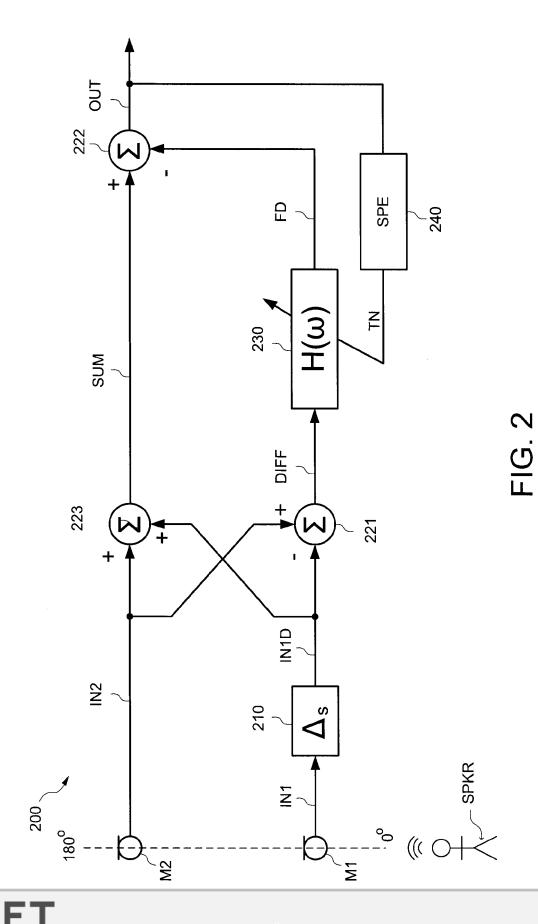
Exhibit 1008



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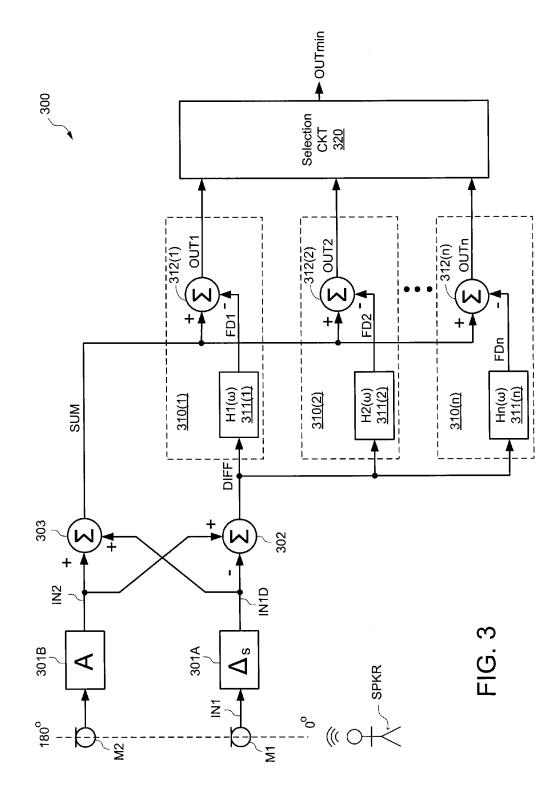


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