

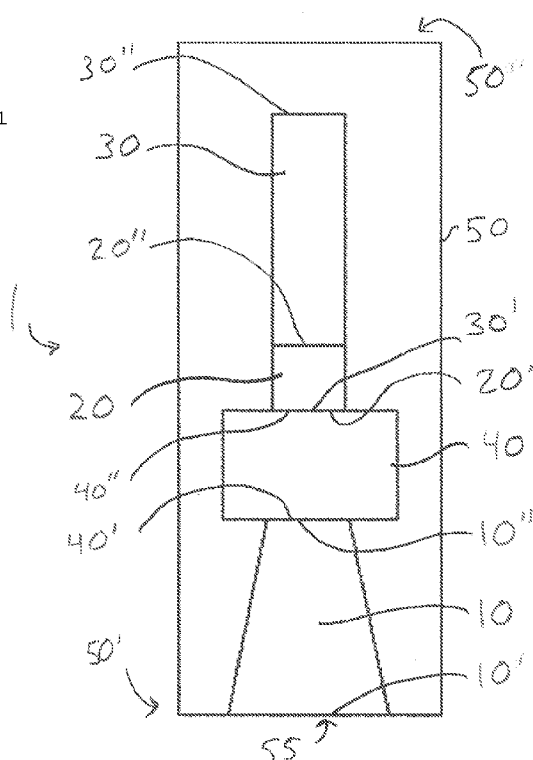


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[Continued on next page]

(54) Title: DEVICE FOR WIDE-BAND AUSCULTATION

Figure 1



(57) Abstract: The present invention relates to a device for auscultation of a body. An embodiment of the device includes a housing dimensioned and configured for disposition in an operative orientation relative to a predetermined portion of the body. The housing includes a plurality of chambers disposed therewithin. The plurality of chambers are collectively structured to receive an acoustic signal at least when the housing is disposed in the operative orientation. The housing also includes at least one transducer at least partially disposed in a corresponding one of the chambers. The transducer is structured to convert the acoustic signal into an electrical signal. A concentric structure is formed around the housing for additionally receiving and processing low frequency signals.



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