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(71) Applicant: **BINARY PERCEPTION P.C.** [GR/GR]; Evino
nou 4, 15344 Gerakas (GR).

(72) Inventors: **TSITSANIS, Evangelos**; 15344 Gerakas (GR).
NTALKOS, Lampros; 15344 Gerakas (GR).

(74) Agent: **KOUZELIS, Dimitrios**; Kameadou 45, 10676
Athens (GR).

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HEARING THRESHOLDS OF A SUBJECT

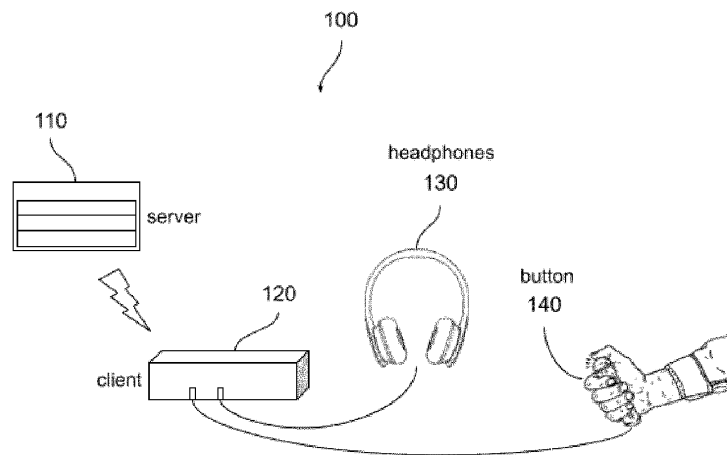


FIGURE 1

(57) Abstract: The present invention refers to a computer-implemented method for optimizing a hearing test for estimating pure tone hearing thresholds of a subject. The method comprises the step of determining a plurality of test points ($t_{s,f}$), wherein each test point ($t_{s,f}$) is defined by a frequency value and information about the ear side to be tested, the step of selecting a test 5 point ($t_{s,f}$) of the plurality of test points ($t_{s,f}$) in a random way, the step of assigning an amplitude level to the selected test point ($t_{s,f}$), the step of generating a signal that triggers the generation of an audio signal based on the selected test point ($t_{s,f}$) and assigned amplitude level for representing a corresponding acoustic stimulus, and the step of detecting a response of the subject to the presentation of the acoustic stimulus to the subject.

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