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Grever

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(54) **STEREOPHONIC MAGNETIC INDUCTION SOUND SYSTEM**

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(*) Notice: This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(51) **Int. Cl.**⁷ **H04B 5/00**

(52) **U.S. Cl.** **381/79; 455/41**

(58) **Field of Search** 381/79, 80, 81, 381/328, 23.1, 74, 14; 455/41, 100, 129, 95, 97

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(57) **ABSTRACT**

A stereophonic magnetic induction sound system is disclosed which has an audio source, two ear pieces, each having an inductive pick-up coil, and a magnetic induction transmitter connected to the audio source and capable of transmitting different signals to the pick-up coils in the two ear pieces. The transmitter may have two or more antennas, a first conductor for transmitting one signal to one of the antennas, a second conductor for transmitting a different signal to the other antenna, and grounds connected to each antenna. The antennas are comprised of a core with a wires coiled about the core and are shaped and positioned on a user's neck to, at least partially, selectively transmit their respect signals toward a particular, near-by pick-up coil. A connector or stereophonic jack is used to connect the transmitter to an audio source, and a supporting member secures the antennas around a user's neck and restricts movement of the antennas relative to the neck.

7 Claims, 3 Drawing Sheets

