United States Patent [19]

Olsen

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[54] **WRISTWATCH RADIOTELEPHONE**

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[52] **U.S. Cl.** **368/10;** 368/13; 368/282; 224/165; 379/90; 379/428

[58] **Field of Search** 368/10, 13, 281, 282, 368/278; 379/90, 428, 440

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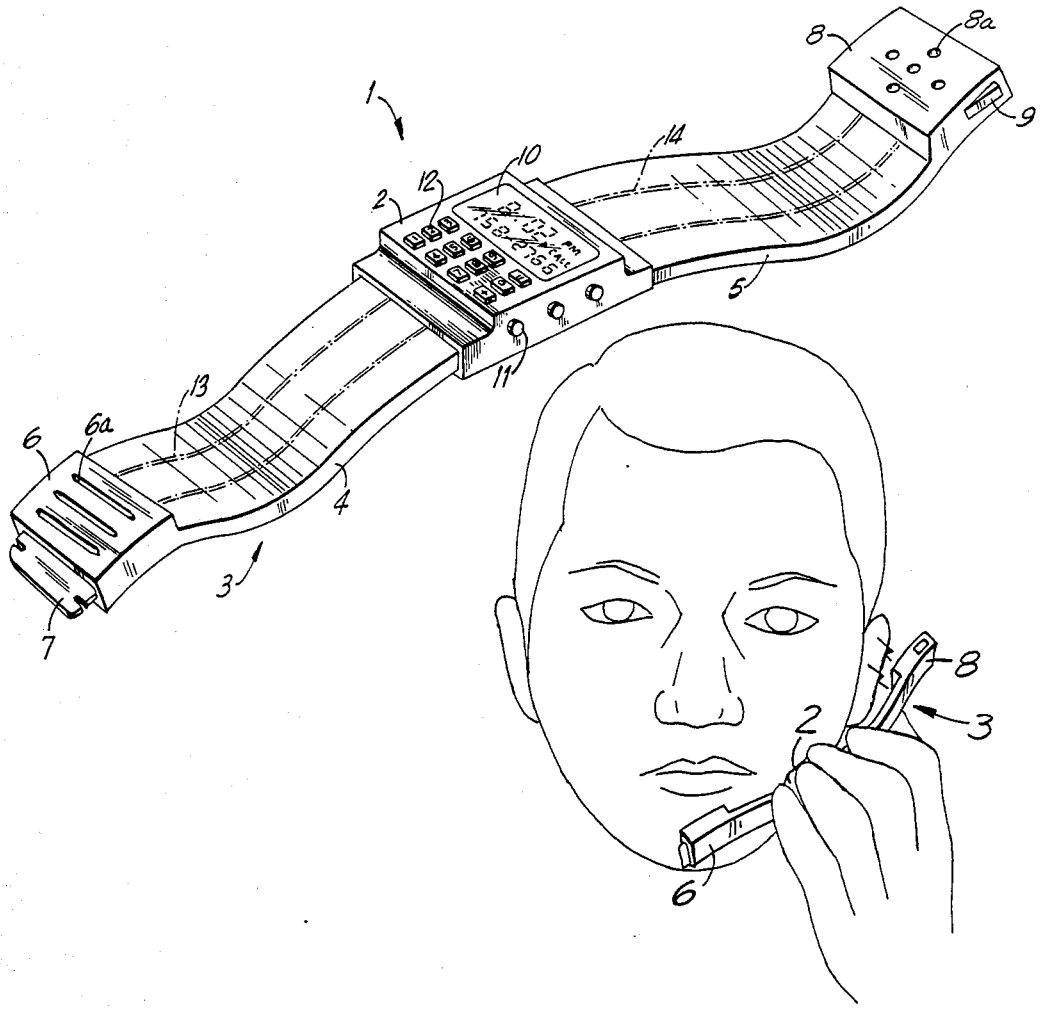
[57] **ABSTRACT**

An improved wristwatch, radiotelephone comprising a case having a timekeeping circuit a radio transceiver and a display disposed therein, a strap having a pair of strap ends connected to opposite ends of the case and adapted to be connected together for holding the case on a wearer's wrist, a microphone connected to the transceiver, a speaker connected to the transceiver, and an antenna connected to the transceiver and embedded in the strap, wherein the improvement comprises a microphone housing and a speaker housing disposed on the strap and spaced apart a sufficient distance to permit simultaneous use thereof by a user when said strap ends are not connected. Either or both of the speaker housing and microphone housing are disposed on and supported by the terminating end of a strap end and incorporate portions of the clasp. The antenna is provided by coupling through a filter circuit to a pair of audio leads connecting the transceiver to either or both of the speaker and microphone.

14 Claims, 4 Drawing Sheets