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# ABSTRACT

## RADIO UNIT AND ELECTRONIC APPARATUS USING THE SAME

In a wristwatch (100), a radio unit (1) disposed within a case (5) comprises a flexible board (16) having a ring-like frame part (14) and a lead (15) extending outward from the frame part, an antenna (11) provided on the frame part for sending/receiving information to/from a gate device, an IC chip (13) connected electronically to the antenna, and connection terminals (17) provided on an end portion of the lead for connecting the IC chip and the circuit board electrically. The wristwatch (100) ensures a long communication distance and prevents the third party from illegally acquiring the information stored in the IC chip (13).

FIG. 3



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