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(54) Title: METHOD AND APPARATUS FOR USING SLAP BRACELET AS COMPONENT OF BODY-WORN ANTENNA STRUCTURE

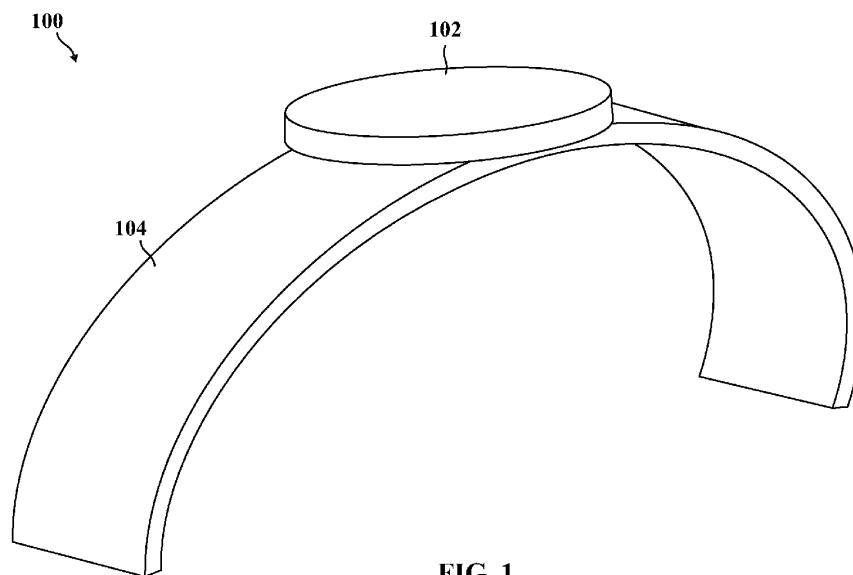


FIG. 1

(57) Abstract: Aspects of the disclosure relate to methods, apparatus, and systems for mitigating signal attenuation at a body-worn device transmitting a radio signal. An antenna structure for the body-worn device includes an antenna array configured to radiate at least one radio signal and a conductive band capacitively coupled to the antenna array. The conductive band is configured to detachably couple to a body of a user, and mitigate attenuation of the at least one radio signal when the conductive band is coupled to the body. The conductive band mitigates the attenuation by facilitating a radio frequency (RF) signal current corresponding to the at least one radio signal to flow through the conductive band and preventing absorption of the RF signal current by the body.

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WO 2022/046881 A1

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