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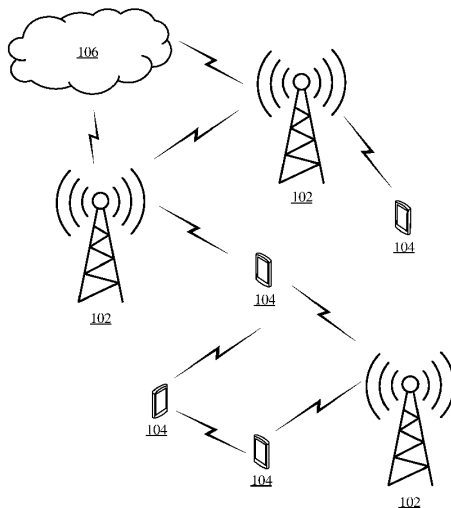


Figure 1

(57) Abstract: Various aspects of the present disclosure relate to an Internet of Things (IoT) device, such as an ambient-power IoT (AIoT) to perform data segmentation. In some cases, the data segmentation may be based on available energy at the AIoT device for transmission of data (e.g., via one or more protocol data units (PDUs)). As a result, the AIoT device can transmit a data payload in segments, for example, based on when available energy at the AIoT device is sufficient to perform the transmissions.

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