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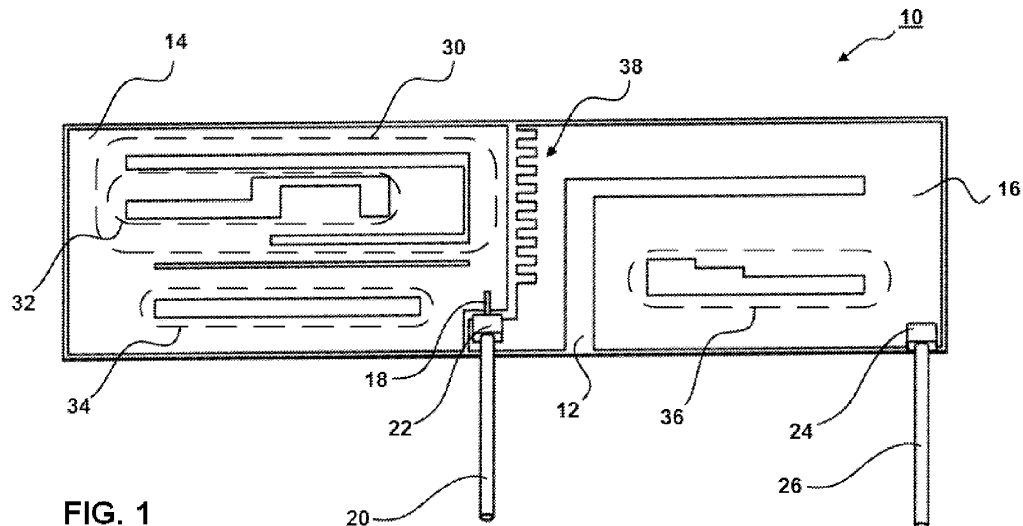


FIG. 1

(57) Abstract: A printed dipole antenna (10) is provided. The printed dipole antenna (10) includes a plurality of antenna elements (14) and a reference ground (16) on a dielectric substrate (12). Each of the antenna elements (14) is configured to 5 generate resonant modes for a frequency band in a radio-frequency spectrum.

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