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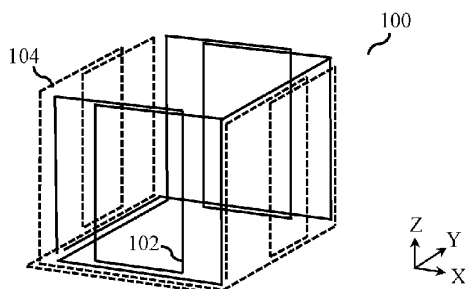


FIGURE 1

(57) Abstract: This document describes a wireless power transfer device that comprises two sets of electrical coils that are arranged around a cubic-shaped housing to generate a uniform magnetic field within the housing when the two sets of electrical coils are energized. The arrangement of the electrical coils are such that the first set of electrical coils are disposed along a first central axis of the cubic-shaped housing and the second set of electrical coils are disposed along a second central axis of the cubic-shaped housing, where the first central axis and the second central axis are perpendicular to each other.