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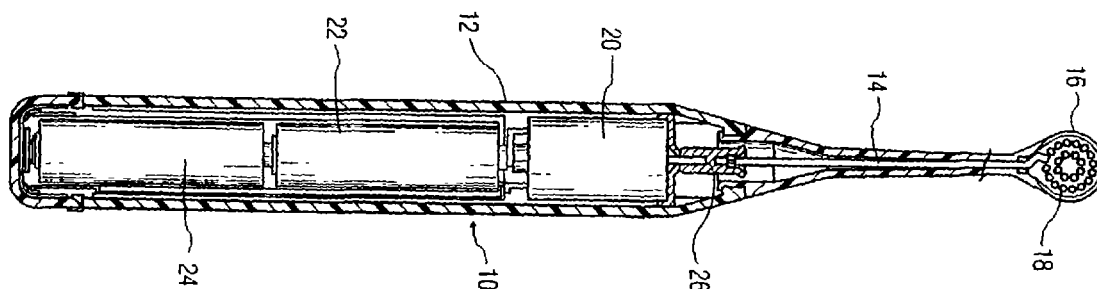
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(54) Title: POWERED TOOTHBRUSH HAVING THREE DIMENSIONAL ROTATIONAL HEAD MOTION



(57) Abstract: An electrically driven toothbrush having a rotatable drive shaft with an end, off-set from the central longitudinal axis of the drive shaft and lodged in a boring in a bristle carrier, which bristle carrier is orbitally secured within a socket in the toothbrush head. When the drive shaft rotates, the end describes a circle and drivingly engages the bristle carrier to actuate the bristle carrier in a three dimensional reciprocating side-to-side and rocking up-and-down motion.

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