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Diamond et al.

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(54) **DRIVE SYSTEM**

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CPC . ***A61C 17/26*** (2013.01); ***A46B 9/04*** (2013.01); ***A46B 13/02*** (2013.01); *Y10T 74/1836* (2015.01)

(58) **Field of Classification Search**

USPC 15/22.1, 22.2, 22.4, 23, 28; 74/63; 173/47, 164, 213, 215–217

See application file for complete search history.

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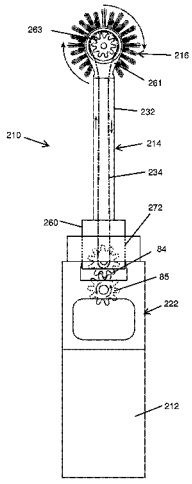
(57) **ABSTRACT**

The present invention provides a drive system having particular utility in an electric toothbrush, the drive system comprising a coupling (**14**) which is connectable between a drive source (**12**) and a brush head (**16**), the coupling being adapted to impart first and second independent brushing motions to the head.

21 Claims, 10 Drawing Sheets