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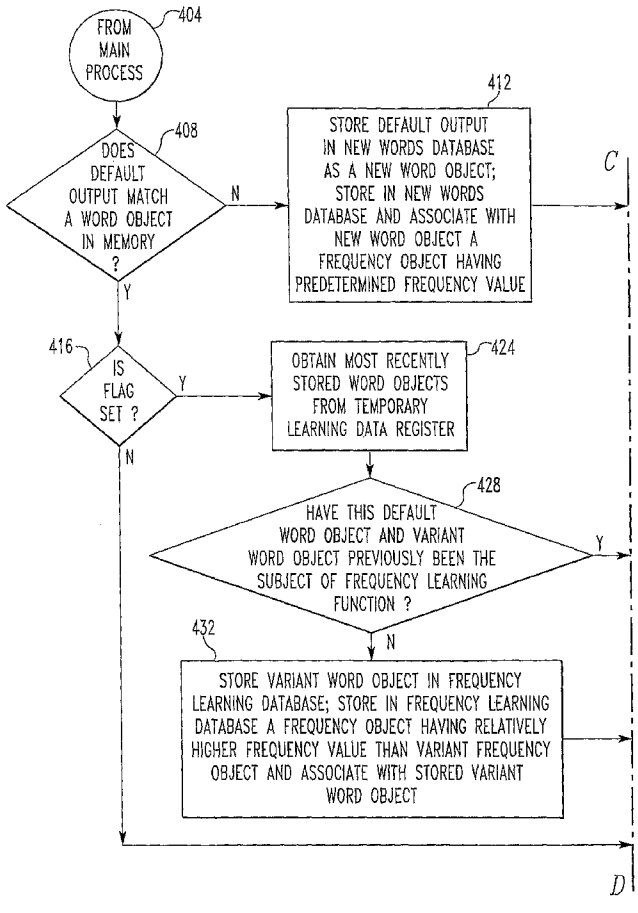
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(54) Title: HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION



(57) Abstract: A handheld electronic device includes a reduced QWERTY keyboard and is enabled with disambiguation software. The device provides output in the form of a default output and a number of variants. The output is based largely upon the frequency, i.e., the likelihood that a user intended a particular output, but various features of the device provide additional variants that are not based solely on frequency and rather are provided by various logic structures resident on the device. The device enables editing during text entry and also provides a learning function that allows the disambiguation function to adapt to provide a customized experience for the user. The disambiguation function can be selectively disabled and an alternate keystroke interpretation system provided. Additionally, the device can facilitate the selection of variants by displaying a graphic of a special <NEXT> key of the keypad that enables a user to progressively select variants generally without changing the position of the user's hands on the device.

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