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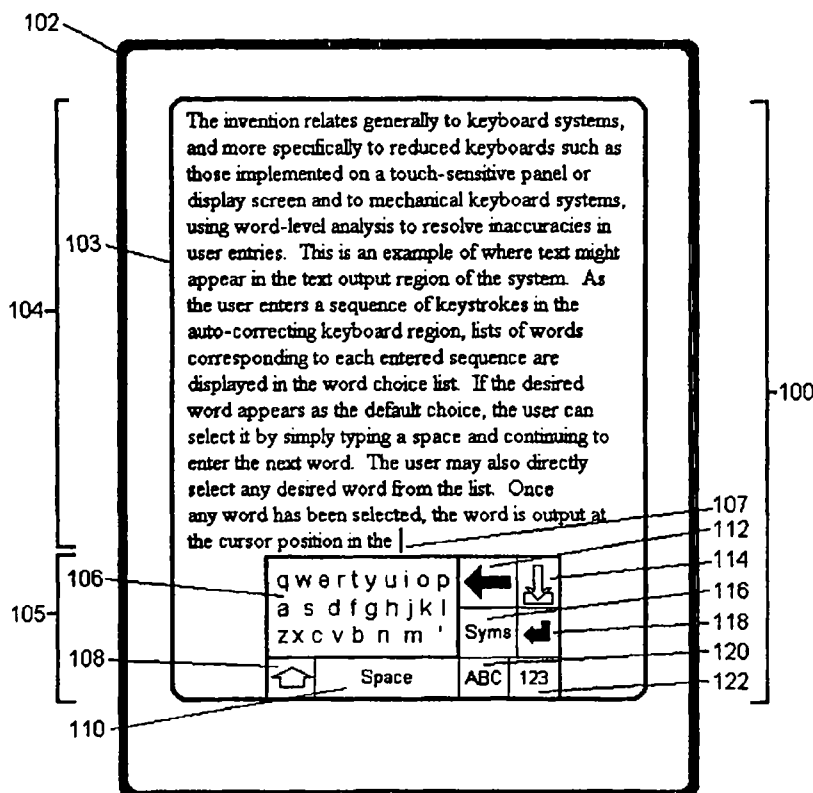
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(54) Title: KEYBOARD SYSTEM WITH AUTOMATIC CORRECTION

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(57) Abstract: An enhanced text entry system using word-level analysis to automatically correct inaccuracies in user keystroke entries on reduced keyboards. The keyboard (105) may be a part of a touch-sensitive panel or display screen (100) or on a mechanical keyboard system. A method and system are defined which determine one or more alternative textual interpretations of each sequence of inputs detected within a designated auto-correcting keyboard region (106). The actual contact locations for the keystrokes may occur outside the boundaries of the specific keyboard key regions, where the distance from each contact location to each corresponding intended character may in general increase with the expected frequency of the intended word in the language or in a particular context. The user can easily select the intended word from among the generated interpretations.



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