

- 50. The computer-readable medium of claim 35, wherein:
the step of setting a key location to be a touch location occurs based on detection of a touch locations determined based on a plurality of simultaneous touch input.
- 51. A computer-readable medium having a computer program tangibly embodied thereon, the computer program including steps for operating a touch screen to selectively activate a virtual GUI item, comprising:
determining a touch location based on location data pertaining to touch input on the touch screen, wherein the touch input may be intended to activate the GUI item;
for each item location of a set of at least one item locations corresponding to the virtual GUI item, determining a distance between the touch location and that item location; and
processing the determined distances to determine whether the GUI items is activated.
- 52. The computer-readable medium of claim 51, wherein:
processing the determined distances to determine whether the GUI items is activated includes
determining whether a representative distance is within a particular threshold; and
based thereon, selectively activating the virtual GUI item.
- 53. The computer-readable medium of claim 52, wherein:
the representative distance is determined by averaging the determined distances.
- 54. The computer-readable medium of claim 52, wherein:
the representative distance is determined based on the determined distances and also based on a weighting factor, to account for a relative size of the virtual GUI item.

- 55. A method of operating a touch screen, comprising:
determining a touch location based on location data pertaining to touch input on the touch screen, wherein the touch input is intended to activate one of a plurality of virtual keys of a virtual keyboard provided on the touch screen;
for each of the plurality of virtual keys, each virtual key having a set of at least one key location corresponding to it, determining a parameter for that virtual key that relates the touch location and the set of at least one key location corresponding to that virtual key; and
generating a signal indicating activation of a determined one of the virtual keys based on processing the determined parameters.
- 56. A computer readable medium having embodied thereon a program to operate a touch screen of a touch screen computer, the program comprising steps of:
determining a touch location based on location data pertaining to touch input on the touch screen, wherein the touch input is intended to activate one of a plurality of virtual keys of a virtual keyboard provided on the touch screen;
for each of the plurality of virtual keys, each virtual key having a set of at least one key location corresponding to it, determining a parameter for that virtual key that relates the touch location and the set of at least one key location corresponding to that virtual key; and
generating a signal indicating activation of a determined one of the virtual keys based on processing the determined parameters.

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