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(54) **METHOD FOR IMPROVING POSITIONED ACCURACY FOR A DETERMINED TOUCH INPUT** (52) **U.S. Cl. 345/173**

(76) **Inventor: Jerry B. Roberts, Arlington, MA (US)** (57) **ABSTRACT**

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An approach for accurately determining touch location on a touch screen is provided. According to one aspect, a touch signal shape may be correlated with a level of touch-induced touch signal error present in the touch signal. The touch signal shape is associated with a preferred time for obtaining touch signal information to determine the touch location. Touch signal location information is acquired in response to detecting the touch signal shape in the touch signal. The location of the touch is determined from the acquired touch signal information.

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