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[54] **PORTABLE COMPUTER WITH TOUCH SCREEN AND COMPUTING SYSTEM EMPLOYING SAME**

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[*] Notice: The term of this patent shall not extend beyond the expiration date of Pat. No. 5,379,057.

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Related U.S. Application Data

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[51] **Int. Cl.**[6] **G09G 5/00**; G09G 5/12

[52] **U.S. Cl.** **345/173**; 345/2; 364/705.06; 364/709.11

[58] **Field of Search** 345/2, 173; 341/23; 364/708, 709.01, 709.06, 709.1, 709.11, 709.12, 709.13, 705.06; 178/18

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[57] **ABSTRACT**

A portable, self-contained general purpose keyboardless computer utilizes a touch screen display for data entry purposes. An application generator allows the user to develop data entry applications by combining the features of sequential libraries, consequential libraries, help libraries, syntax libraries, and pictogram libraries into an integrated data entry application. A run-time executor allows the processor to execute the data entry application.

13 Claims, 18 Drawing Sheets