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(54) **HAPTIC FEEDBACK SYSTEM WITH STORED EFFECTS**

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G06F 3/041 (2006.01)
G09G 5/00 (2006.01)

(52) **U.S. Cl.**
USPC **345/173**; 345/156; 715/701

(58) **Field of Classification Search**
USPC 345/156–173; 710/1, 5, 8, 58; 715/700–702
See application file for complete search history.

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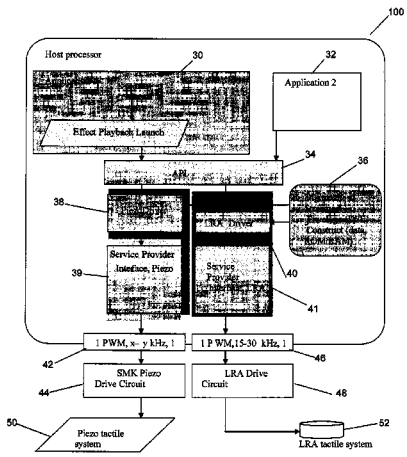
(57) **ABSTRACT**

A haptic feedback system that includes a controller, a memory coupled to the controller, an actuator drive circuit coupled to the controller, and an actuator coupled to the actuator drive circuit. The memory stores at least one haptic effect that is executed by the controller in order to create a haptic effect.

15 Claims, 6 Drawing Sheets