11. The system of claim **9**, wherein the actuator is coupled to the display.

12. The system of claim **1**, further comprising a housing configured to enclose the actuator and the processor.

13. The system of claim **12**, wherein the housing comprises a mobile device housing.

14. The system of claim **12**, wherein the actuator is coupled to the housing.

15. The system of claim **1**, further comprising a touch-sensitive interface configured to detect user interaction and transmit a sensor signal to the processor based at least in part on the user interaction.

16. The system of claim **15**, wherein the processor is further configured to determine the haptic effect based at least in part on the sensor signal.

17. The system of claim **16**, wherein the touch-sensitive interface is configured to detect the speed of the user interaction and wherein determining the haptic effect comprises adjusting the haptic effect to correspond with the speed of the user interaction.

18. The system of claim **16**, wherein the touch-sensitive interface is configured to detect the pressure of the user interaction and wherein determining the haptic effect comprises adjusting the intensity of the haptic effect to correspond with the pressure of the user interaction.

19. A method for outputting a haptic effect comprising:

receiving a display signal comprising a plurality of pixels;

determining a haptic effect comprising a texture; and

transmitting a haptic signal associated with the haptic effect to an actuator configured to receive the haptic signal and output the haptic effect.

20. The method of claim **19**, wherein the haptic effect is determined based at least in part on the display signal.

21. The method of claim **20**, wherein each of the plurality of pixels is associated with a color, and wherein determining the haptic effect comprises assigning a haptic value to each color.

22. The method of claim **20**, wherein each color comprises an intensity and determining the haptic effect further comprises associating the haptic value with the intensity.

23. The method of claim **20**, further comprising receiving an interface signal from a touch-sensitive interface, and wherein the haptic effect is determined based at least in part on the interface signal.

24. A system comprising:

a touch-sensitive interface configured to detect a user interaction and transmit a signal corresponding to the user interaction, the touch-sensitive interface configured to detect the speed and pressure of the user interaction;

a processor in communication the touch-sensitive interface, the processor configured to:

receive a display signal comprising a plurality of pixels that each comprise a color and an intensity;

determine a haptic effect based at least in part on the color and intensity of each pixel and the speed and pressure of the user interaction; and

transmit a haptic signal associated with the haptic effect;

an actuator in communication with the processor, the actuator configured to receive the haptic signal and output the haptic effect.

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