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(54) **REALISTIC TACTILE HAPTIC FEEDBACK DEVICE AND REALISTIC TACTILE HAPTIC FEEDBACK METHOD THEREOF**

(52) U.S. Cl.
USPC 340/407.2; 340/407.1

(58) **Field of Classification Search**
USPC 340/407.1, 407.2, 505, 573; 345/156, 345/173, 174; 455/550.1; 463/37
See application file for complete search history.

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(57) **ABSTRACT**

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A realistic tactile haptic device comprising a first vibration sensor, a digital controller, an actuator, and a similar or identical second vibration sensor, and a realistic tactile haptic feedback method thereof, provides users with realistic tactile haptic feedback that is similar to or the same as real tactile haptic feedback which users would experience by touching real objects.

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12 Claims, 6 Drawing Sheets

