EXHIBIT 12

’337 Patent Claims	’081 Patent Claims
2. A linear vibration module comprising:	1 (invalidated). A vibration module comprising:
a housing;	a housing;
a moveable component;	a moveable component;
a power supply;	a power supply;
user-input features;	user-input features;
a driving component that drives the moveable component in each of two opposite directions within the housing; and	a driving component that drives the moveable component to oscillate within the housing; and
a control component that controls supply of power from the power supply to the driving component to cause the moveable component to oscillate at a frequency and an amplitude specified by user input received from the user-input features,	a control component that controls supply of power from the power supply to the driving component to cause the moveable component to oscillate at a frequency and an amplitude specified by user input received from the user-input features.
wherein the control component drives simultaneous oscillation of the moveable component at two or more frequencies to generate complex vibration modes.	15 (disclaimed). The linear vibration module of claim 1, wherein the control component drives simultaneous oscillation of the moveable component at two or more frequencies to generate complex vibration modes.
3. The linear vibration module of claim 2 wherein the complex vibration modes include:	16 (disclaimed). The vibration module of claim 15 wherein the complex vibration modes include:
a primary oscillation frequency modulated by a modulating oscillation frequency;	a primary oscillation frequency modulated by a modulating oscillation frequency;
a beat frequency; and	a beat frequency; and
an aperiodic oscillation waveform.	an aperiodic oscillation waveform.