WHAT IS CLAIMED:

1.   A method of producing a haptic effect comprising:

receiving a device sensor signal;

receiving a gesture signal;

generating an interaction parameter using the device sensor signal and the gesture signal; and

applying a drive signal to a haptic output device according to the interaction parameter.

2.   The method of claim 1 wherein the gesture signal comprises a vector signal.

3.   The method of claim 1 wherein the gesture signal comprises an on-screen signal.

4.   The method of claim 1 wherein generating an interaction parameter comprises generating an interaction parameter from a combination of the device sensor signal and the gesture signal.

5.   The method of claim 1 wherein generating an interaction parameter comprises generating an interaction parameter using the device sensor signal and the gesture signal and a physical model.

6.   The method of claim 1 wherein generating an interaction parameter

comprises generating an interaction parameter using the device sensor signal and

the gesture signal and an animation.

7.   The method of claim 1 wherein the sensor signal comprises an accelerometer

signal.

8.   The method of claim 1 wherein sensor signal comprises a gyroscope signal.

9.   The method of claim 1 wherein sensor signal comprises an ambient signal.

10.   The method of claim 1 wherein sensor signal comprises a virtual sensor

signal.

11.   A haptic effect enabled system comprising:

        a haptic output device;

        a drive module electronically coupled to the haptic output device for receiving

a device sensor signal, receiving a gesture signal, and generating an interaction

parameter using the device sensor signal and the gesture signal; and

        a drive circuit electronically coupled to the drive module and the haptic output

device for applying a drive signal to the haptic output device according to the

interaction parameter.

12.   The system of claim 11 wherein the gesture signal comprises a vector signal.

13.   The system of claim 11 wherein the gesture signal comprises an on-screen signal.

14.   The system of claim 11 wherein the drive module comprises a drive module for generating an interaction parameter from a combination of the device sensor signal and the gesture signal.

15.   The system of claim 11 wherein the drive module comprises a drive module for generating an interaction parameter using the device sensor signal and the gesture signal and a physical model.

16.   The system of claim 11 wherein the drive module comprises a drive module for generating an interaction parameter using the device sensor signal and the gesture signal and an animation.

17.   The system of claim 11 wherein the device sensor signal comprises an accelerometer signal.

18.   The system of claim 11 wherein the device sensor signal comprises a gyroscope signal.

19.   The system of claim 11 wherein the device sensor signal comprises an ambient signal.

20. The system of claim 11 wherein the device sensor signal comprises a virtual sensor signal.

21. A method of producing a haptic effect comprising:

enabling a communication link between a first device having a first haptic output device and a second device having a second haptic output device;

receiving a first signal from the first device and communicating it to the second device via the communication link;

generating an interaction parameter using the first signal; and

concurrently applying a drive signal to the first haptic output device and the second haptic output device according to the interaction parameter.

22. The method of claim 21 further comprising:

receiving a second signal from the second device and communicating it to the first device via the communication link; and

wherein generating an interaction parameter comprises generating an interaction parameter using the first signal and the second signal.

23. The method of claim 21 wherein the first signal comprises a vector signal.

24. The method of claim 21 wherein the first signal comprises an on-screen signal.

25. The method of claim 22, wherein generating an interaction parameter comprises generating an interaction parameter from a combination of the first signal and the second signal.

26.   The method of claim 21, wherein the communication link comprises a link selected from the list consisting of electronic, cellular, wireless, wi-fi, optical, infrared, acoustic, Bluetooth, USB, Firewire, Thunderbolt or Ethernet.

27.   The method of claim 21 wherein the first signal comprises a signal selected from the list consisting of gesture, accelerometer, gyroscope, ambient or virtual.

28.   A method of producing a haptic effect comprising:

        receiving a signal from a first device;

        encoding the signal in a data file on the first device;

        communicating the data file to a second device having a haptic output device;

        reading the signal from the data file on the second device; and

        applying a drive signal to the haptic output device according to the signal.

29.   The method of claim 28 wherein the signal comprises a signal selected from the list consisting of vector, on-screen, gesture, accelerometer, gyroscope, ambient or virtual.

30.   The method of claim 28 wherein encoding the signal comprises encoding an interaction parameter according to the signal, and wherein reading the signal comprises reading the interaction parameter from the data file on the second device, and wherein applying a drive signal comprises applying a drive signal to the haptic output device according to the interaction parameter.