**ABSTRACT**

**SYSTEM AND METHOD FOR DETECTING A HANDSHAKE**

A system and method for detecting a handshake is described, the system comprising a first electronic wristband and a second electronic wristband. The first electronic wristband comprises a first processing unit, a first accelerometer and a first wireless transceiver module. The first processing unit is configured to receive acceleration data from the first accelerometer and determine a current state of the first electronic wristband. The second electronic wristband comprises a second processing unit, a second accelerometer and a second wireless transceiver module. The second processing unit is configured to receive acceleration data from the second accelerometer and determine a current state of the second electronic wristband. The first processing unit is configured to detect the handshake when, the current state of the first electronic wristband determined by the first processing unit indicates that the first electronic wristband is shaking, occurs at substantially the same time the first wireless transceiver module receives a broadcast packet from the second wireless transceiver, wherein the current state of the second electronic wristband in the broadcast packet indicates that the second electronic wristband is shaking.

Figure 1