[0007] Disclosed are arrangements which seek to address the above problems by providing a mobile electronic device arranged to activate one or more flushing systems using a manually operable button by way of a manual override or bypass feature.

[0008] According to a first aspect of the present disclosure, there is provided a mobile electronic device comprising a processor arranged to: monitor activation of a manually operable button on the mobile electronic device, wherein the manually operable button is suitable for manually activating a plurality of flush systems that do not have a physical button for activating the flush systems, wherein the flush systems are located in at least one bathroom facility, wirelessly communicate with at least one flush system in the plurality of flush systems, detect activation of the manually operable button, and subsequent to detecting activation of the manually operable button, transmit one or more flush activation signals to activate the plurality of flush systems in the at least one bathroom facility.

[0009] The flush systems may be at least part of a plurality of urinals, toilets or cisterns.

[0010] The processor may be arranged to transmit the flush activation signal to a plurality of flush systems located in a single bathroom facility.

[0011] The processor may be arranged to transmit the flush activation signal to a plurality of flush systems located in a plurality of bathroom facilities in a single building.

[0012] The processor may be arranged to display a graphical user interface that comprises the manually operable button.

[0013] The processor may be arranged to wirelessly communicate with the at least one flush system by confirming credentials associated with the at least one flush system.

[0014] The processor may be arranged to determine each unique identification of each flush system in wireless communication with the processor, display each determined unique identification on a display of the mobile electronic device, enable selection of one or more of the unique identifications, determine which of the unique identifications are selected, and generate a flush activation signal comprising one or more of the selected unique identifications, wherein the flush system may only be activated upon the flush system detecting its unique identification in the flush activation signal.

[0015] According to a second aspect of the present disclosure, there is provided a method of activating at least one flush system in a bathroom, the method comprising the steps of: monitoring

activation of a manually operable button on a mobile electronic device, wherein the manually operable button is suitable for manually activating a plurality of flush systems that do not have a physical button for activating the flush systems, wherein the flush systems are located in at least one bathroom facility, wirelessly communicating with at least one flush system in the plurality of flush systems, detecting activation of the manually operable button, and subsequent to detecting activation of the manually operable button, transmitting one or more flush activation signals to activate the plurality of flush systems to the at least one bathroom facility.

[0016] The flush systems may be at least part of a plurality of urinals, toilets or cisterns.

[0017] The method may further comprise the step of transmitting the flush activation signal to a plurality of flush systems located in a single bathroom facility.

[0018] The method may further comprise the step of transmitting the flush activation signal to a plurality of flush systems located in a plurality of bathroom facilities in a single building.

[0019] The method may further comprise the step of displaying a graphical user interface that comprises the manually operable button.

[0020] The method may further comprise the step of wirelessly communicating with the at least one flush system by confirming credentials associated with the at least one flush system.

[0021] The method may further comprise the steps of determining each unique identification of each flush system in wireless communication with the processor, displaying each determined unique identification on a display of the mobile electronic device, enable selection of one or more of the unique identifications, determining which of the unique identifications are selected, and generating a flush activation signal comprising one or more of the selected unique identifications, wherein the flush system may only be activated upon the flush system detecting its unique identification in the flush activation signal.

[0022] A computer program product including a computer readable medium having recorded thereon a computer program for performing the above method is also disclosed.

[0023] Other aspects are also disclosed.

Brief Description of the Drawings

CLAIMS:

1. A mobile electronic device comprising a processor arranged to:

monitor activation of a manually operable button on the mobile electronic device, wherein the manually operable button is suitable for manually activating a plurality of flush systems that do not have a physical button for activating the flush systems, wherein the flush systems are located in at least one bathroom facility,

wirelessly communicate with at least one flush system in the plurality of flush systems,

detect activation of the manually operable button, and

subsequent to detecting activation of the manually operable button, transmit one or more flush activation signals to activate the plurality of flush systems in the at least one bathroom facility.

2. The mobile electronic device of claim 1, wherein the flush systems are at least part of a plurality of urinals, toilets or cisterns.

3. The mobile electronic device of claim 1 or 2, wherein the processor is arranged to transmit the flush activation signal to a plurality of flush systems located in a single bathroom facility.

4. The mobile electronic device of claim 1 or 2, wherein the processor is arranged to generate a plurality of flush activation signals and transmit each of the plurality of flush activation signals to each of a plurality of flush systems.

5. The mobile electronic device of any one of claims 1 or 2, wherein the processor is arranged to transmit the flush activation signal to a plurality of flush systems located in a plurality of bathroom facilities in a single building.

6. The mobile electronic device of any one of the preceding claims, wherein the processor is arranged to display a graphical user interface that comprises the manually operable button.

7. The mobile electronic device of any one of the preceding claims, wherein the processor is arranged to wirelessly communicate with the at least one flush system by confirming credentials associated with the at least one flush system.

8. The mobile electronic device of any one of the preceding claims, wherein the processor is arranged to determine each unique identification of each flush system in wireless communication with the processor, display each determined unique identification on a display of the mobile electronic device, enable selection of one or more of the unique identifications, determine which of the unique identifications are selected, and generate a flush activation signal comprising one or more of the selected unique identifications, wherein the flush system is only activated upon the flush system detecting its unique identification in the flush activation signal.

9. A method of activating at least one flush system in a bathroom, the method comprising the steps of:

monitoring activation of a manually operable button on a mobile electronic device, wherein the manually operable button is suitable for manually activating a plurality of flush systems that do not have a physical button for activating the flush systems, wherein the flush systems are located in at least one bathroom facility,

wirelessly communicating with at least one flush system in the plurality of flush systems, detecting activation of the manually operable button, and

subsequent to detecting activation of the manually operable button, transmitting one or more flush activation signals to activate the plurality of flush systems in the at least one bathroom facility.

10. The method of claim 9, wherein the flush systems are at least part of a plurality of urinals, toilets or cisterns.

11. The method of claim 9 or 10 further comprising the step of transmitting the flush activation signal to a plurality of flush systems located in a single bathroom facility.

12. The method of claim 9 or 10, further comprising the step of generating a plurality of flush activation signals and transmitting each of the plurality of flush activation signals to each of a plurality of flush systems.

13. The method of claim 9 or 10 further comprising the step of transmitting the flush activation signal to a plurality of flush systems located in a plurality of bathroom facilities in a single building.

14. The method of any one of claims 9 to 13 further comprising the step of displaying a graphical user interface that comprises the manually operable button.

15. The method of any one of claims 9 to 14 further comprising the step of wirelessly communicating with the at least one flush system by confirming credentials associated with the at least one flush system.

16. The method of any one of claims 9 to 15, further comprising the steps of determining each unique identification of each flush system in wireless communication with the processor, displaying each determined unique identification on a display of the mobile electronic device, enable selection of one or more of the unique identifications, determining which of the unique identifications are selected, and generating a flush activation signal comprising one or more of the selected unique identifications, wherein the flush system is only activated upon the flush system detecting its unique identification in the flush activation signal.

17. A computer program product including a computer readable medium having recorded thereon a computer program for performing the method of any one of claims 9 to 16.