CLAIMS

1. A computer mouse comprising:

an electromagnet configured to provide a magnetic force between the computer mouse and a mouse pad having electromagnetic characteristics on which the computer mouse is moveable; and

a control circuit configured to control the electromagnet of the computer mouse, to vary the magnetic force between the computer mouse and the mouse pad, based on a type of an application selected from a list of first person shooter games, multiplayer online battle arena games, and massively multiplayer online games running on a computer to which the computer mouse is connectable;

wherein when the type of the application selected is of first person shooter games, the control circuit is configured to increase the magnetic force between the computer mouse and the mouse pad;

wherein when the type of the application selected is of multiplayer online battle arena games or massively multiplayer online games, the control circuit is configured to decrease the magnetic force between the computer mouse and the mouse pad.

2. The computer mouse of claim 1,

wherein the control circuit is configured to control the electromagnet based at least one of a level of required precision for using the application or a level of required speed for using the application.

3. The computer mouse of claim 1,

wherein the computer mouse is configured to determine a translatory movement of the computer mouse on the mouse pad.

4. A method for controlling a computer mouse, the method comprising:

providing an electromagnet to provide a magnetic force between the computer mouse and a mouse pad having electromagnetic characteristics on which the computer mouse is moveable; and

controlling the electromagnet of the computer mouse, to vary the magnetic force between the computer mouse and the mouse pad, based on a type of an application selected from a list of first person shooter games, multiplayer online battle arena games, and massively multiplayer online games running on a computer to which the computer mouse is connectable;

wherein when the type of the application selected is of first person shooter games, the control circuit is configured to increase the magnetic force between the computer mouse and the mouse pad;

wherein when the type of the application selected is of multiplayer online battle arena games or massively multiplayer online games, the control circuit is configured to decrease the magnetic force between the computer mouse and the mouse pad.

5. The method of claim 4,

wherein the electromagnet is controlled based at least one of a level of required precision for using the application or a level of required speed for using the application.

6. The method of claim 4, further comprising:

determining a translatory movement of the computer mouse on the mouse pad.

7. A mouse pad comprising:

an electromagnet configured to provide a magnetic force between the mouse pad and a computer mouse having electromagnetic characteristics which is moveable on the mouse pad; and

a control circuit configured to control the electromagnet of the mouse pad, to vary the magnetic force between the mouse pad and the computer mouse, based on a type of an application selected from a list of first person shooter games, multiplayer online battle

arena games, and massively multiplayer online games running on a computer to which the computer mouse is connectable;

wherein when the type of the application selected is of first person shooter games, the control circuit is configured to increase the magnetic force between the mouse pad and the computer mouse;

wherein when the type of the application selected is of multiplayer online battle arena games or massively multiplayer online games, the control circuit is configured to decrease the magnetic force between the mouse pad and the computer mouse.

8. The mouse pad of claim 7,

wherein the control circuit is configured to control the electromagnet based at least one of a level of required precision for using the application or a level of required speed for using the application.

9. The computer mouse of claim 1 further comprising:

a receiving port adapted to receive a permanent magnet to provide another magnetic force between the computer mouse and the mouse pad on which the computer mouse is moveable.

10. The computer mouse of claim 1 further comprising:

a feet member comprising a permanent magnet to provide another magnetic force between the mouse pad and a computer mouse which is moveable on the mouse pad, the feet adapted to be detachably attached to a base of the mouse pad.

11. The mouse pad of claim 7 further comprising:

a chassis having electromagnetic characteristics adapted to engage with the computer mouse having electromagnetic characteristics.

12. The mouse pad of claim 11,

wherein the chassis comprises a metal.