CLAIMS

1. A device, comprising:

a base having a first surface and a second surface opposite to the first surface;

a retainer member extending outward from the first surface, the retainer member being transverse to the first surface, the retainer member including:

an internal cavity;

an aperture; and

a cover moveable between an opened position and a closed position, the cover overlapping a portion of the aperture when in the closed position;

an actuator aligned with the internal cavity, the actuator including an end, the actuator configured to move the end in a first direction and move the end in a second direction opposite to the first direction; and

a sensor that electrically cooperates with the actuator, the sensor configured to detect an object.

2. The device according to claim 1, wherein the body is transverse to the first surface by an angle θ_1.

3. The device according to claim 2, wherein the angle θ_1 is less than 90-degrees or is equal to 90-degrees.

4. The device according to claim 1, wherein the end of the actuator comprises a first magnet, the internal cavity comprises a spacer, wherein the spacer includes a second magnet that is magnetically attracted to the first magnet, and

wherein the attraction between the first magnet and the second magnet is strong enough to hold the end of the spacer within the recess at the end of the actuator.

5. The device according to claim 4, wherein the spacer is configured to be removable from the internal cavity and may be interchangeable with other spacers of differing sizes and shapes.

6. The device according to claim 1, further comprising a dispense contact portion configured to be interchangeable with other spacers of differing sizes and shapes or removable from the internal cavity.

7. The device according to claim 6, wherein the dispense contact portion further comprises a third magnet, the retainer member further comprises a fourth magnet, and wherein the attraction between the third magnet and the fourth magnet is strong enough to hold the end of the dispense contact portion at the end of the retainer member.

8. The device according to claim 1, wherein the actuator is enclosed within the retainer member.

9. The device according to claim 4, wherein the spacer is larger in size and shape relative to the dispense contact portion.

10. The device according to claim 1, further comprising a plurality of bumper portions that are positioned on an internal surface in the internal cavity.

11. A device, comprising:

a base having a first surface and a second surface opposite to the first surface;

a press plate at the first surface of the base;

an adjustable retainer member extending outward from the first surface of the base, the adjustable retainer member having a first portion transverse to the first surface and a second portion transverse to the first portion, the adjustable retainer member configured to be adjustable to select a first dimension of the retainer member in a first direction transverse to the first surface;

an actuator that mechanically cooperates with the press plate, the actuator configured to cause the press plate to move in the first direction and to allow the press plate to move in a second direction opposite to the first direction, the second direction being transverse to the first surface; and

a sensor that electrically cooperates with the actuator, the sensor configured to detect an object.

12. The device according to claim 11, further comprising an indicator on the first surface of the base.

13. The device according to claim 12, wherein the indicator is lit up by a light emitting device to indicate whether an object is or is not detected by the sensor.

14. The device according to claim 13, wherein the light emitting device is a light emitting diode or an incandescent bulb.

15. The device according to claim 11, further comprising a dispense contact portion, wherein the dispense contact portion is on the adjustable retainer member,

comes into contact with a dispense portion of a dispenser, and holds the dispenser in a stationary position on the press plate.

16. The device according to claim 15, wherein the dispense contact portion is a plurality of rubber studs, wherein the plurality of rubber studs contact the dispense portion to disperse a force applied to the dispensing mechanism in a uniform manner across a surface of the dispense portion of the dispenser.

17. The device according to claim 16, wherein the second portion of the adjustable retainer member further comprises a lock portion.

18. The device according to claim 17, further comprising a switch, wherein the switch is an on/off switch, a rotary switch or a knob.

19. The device according to claim 18, wherein the actuator is a piston actuator, an electric motor actuator, a linear actuator or an extension actuator.