Claims

1. A device for deterring a flying animal, the device comprising:

a main support structure comprising a base and a stand connected to the base;

a spinner connected to the main support structure; and

a motor for rotating the spinner;

wherein the spinner comprises an arm;

wherein the ratio of the length of the arm to the length of the main support structure is less than 1, and

wherein the motor is contained inside the stand.

2. The device of claim 1, wherein the ratio of the length of the arm to the length of the main support structure is 29:30.

3. The device of claim 1 or 2, wherein the spinner is configured to rotate the arm at an angle relative to the stand.

4. The device of claim 3, wherein the angle is about 45 degrees.

5. The device of any one of the preceding claims, wherein the arm comprises a first portion and a second portion connected to the first portion, wherein the first portion is made of a substantially rigid material and wherein the second portion is made of a substantially flexible material.

6. The device of claim 5, wherein the substantially rigid material is a substantially rigid plastic and the substantially flexible material is steel.

7. The device of any one of the preceding claims, wherein the arm further comprises a weight attached to a free end of the arm.

8. The device of any one of claims 1 to 4, wherein the arm consists essentially of one portion that is made of a substantially flexible material.

9. The device of any one of claims 3 to 8, wherein the stand is a tubular stand.

10. The device of claim 1, further comprising at least one battery as the only power source.

11. The device of claim 10, wherein the at least one battery is contained inside the stand.

12. The device of claim 10 or 11, further comprising a switch component contained inside the stand, wherein the switch component is adapted to complete the circuit.

13. The device of claim 10, wherein the motor and the at least one battery are stacked on each other.

14. The device of claim 13, further comprising a hollow compartment located between the motor and the at least one battery.

15. The device of claim 13 or 14, wherein the at least one battery is positioned directly above the base.

16. The device of claim 1, wherein the stand has a diameter and the base has a diameter, and wherein the ratio of the diameter of the base to the diameter of the stand is 3:1 or 1:1.

17. The device of any one of the preceding claims, wherein the spinner is configured to rotate the arm at a speed of between 120 revolutions per minute (rpm) and 200 rpm, preferably 120 rpm.

18. The device of any one of the preceding claims, wherein the spinner is configured to rotate the arm between a resting position and an extended position.

19. A method of using a device for deterring a flying animal, the method comprising:

providing the device of any one of claims 1 to 18 on a structure or an area.