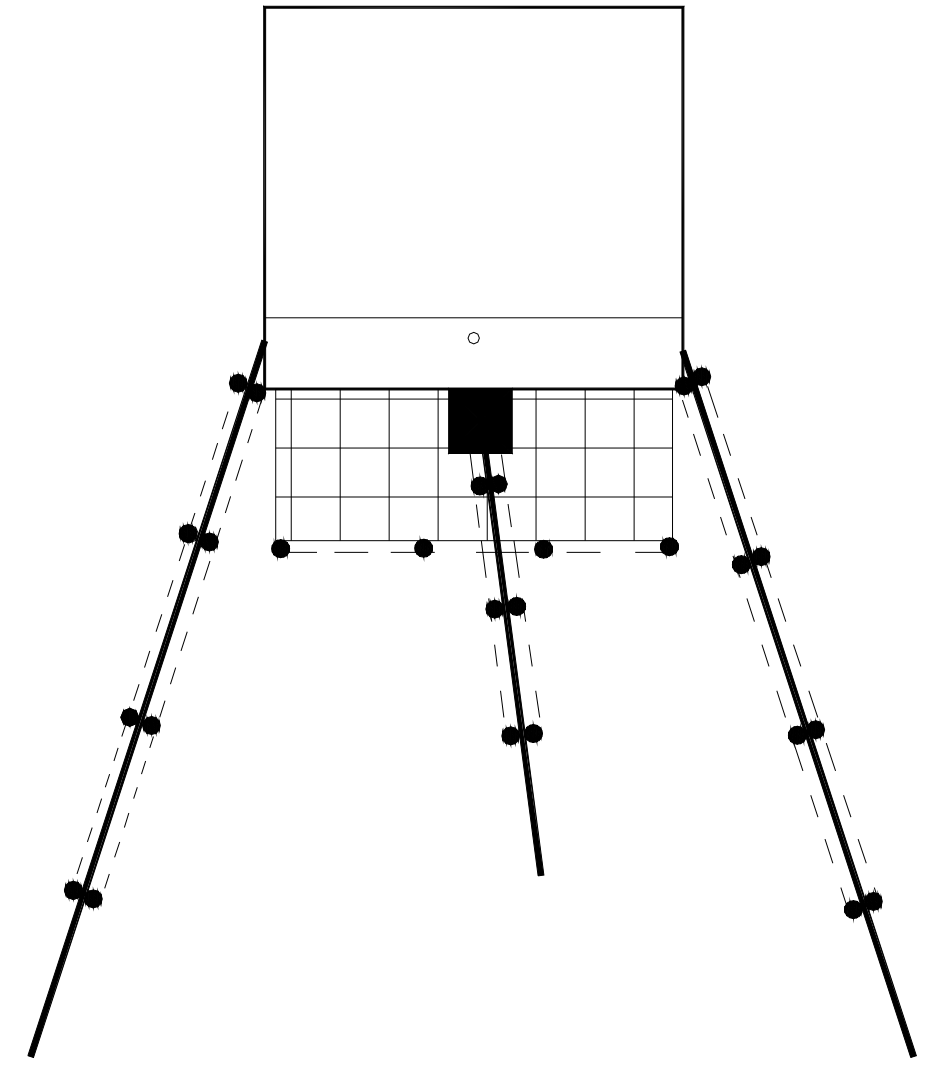


# Electrified Tripod Design

By Peter Wolk



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## Materials:

Western screw tight insulators
3 metal legs, 1" or 2" steel tubing, approximately 8 ft. long
3 - 8 ft. long sections of 2" electric conduit
Elfin insulators
¼" stainless steel nuts and bolts
Electric fencing materials
Feeder barrel with timing device
1" X ½" galvanized wire or "wildlife feeder bear exclusion device" (patent pending by Peter Wolk)

### Read through instructions carefully *before* beginning assembly.

1. Place the feeder barrel on its side and attach the feeder device to the bottom to allow the foodstuffs to gravity feed.
2. Secure the feeder device by welding, using structural epoxy (this must be a structural bond joint), or using sheet metal screws to attach the metal caging around all four sides and the bottom of the feeder device.
3. Install western screw tight insulators to the bottom section of the metal caging and run electric fencing along the insulators on the bottom side of the cage.
4. Take the 3 metal poles (legs) and slide electric conduit over each of them.
5. Attach four elfin insulators with ¼" nuts and bolts to one side of the conduit covering the pole. The first insulator should be 2 feet above ground level (allowing other, smaller wildlife to brush against the legs without getting shocked) and the last one should be near the top of the pole. Repeat this process for the other side of the conduit covering the pole with another four elfin insulators so the pole will have two strands of electric fencing, one along each side.

6. Repeat this process for the other two poles.
7. Attach the three poles to the feeder barrel to form a tripod.
8. Run electric fence wiring along the poles through the elfin insulators.
9. Set the tripod upright and secure to the ground by using either rebar or mobile home tie-downs for each of the three poles.
10. Attach an appropriate length electrical cable to the tripod electric fence wiring.

**Note:** The use of a solar panel fence box can be used in place of a dedicated ground power source.