



## Electric Wire Embedder

The Electric Wire Embedder is operated by any storage battery or lighting circuit in connection with resistance or a transformer. By simply pressing the tool firmly down against the wire with the sheet of foundation on a form board, the wire is easily and quickly embedded into the foundation. When the switch is moved, the circuit is broken.



### Assembly Instructions:

1. The Electric Wire Embedder should be attached to a 12 volt battery or house lighting circuit with reduced voltage provided by a filament transformer of 1 to 2 amps output. (Transformer, Item No. 153).
2. Take the embedder in one hand and press the two brass springs onto one of the wires. Now press the metal contact with your finger, applying a slight pressure to the wire embedder.
3. Allow the wire to sink into the foundation. Break the circuit quickly by sliding your finger off the contact switch. This will prevent arcing. As soon as the wax becomes set around the wire, remove the embedder with a slight rocking motion.
4. It will be to your advantage to have a shallow tray in front of you, filled with a little soapy water. The embedder contacts may be placed in this pan when not in use on the frame. The soapy water will prevent the contacts from sticking and will greatly speed up the work of embedding the wires. After a little practice, wires can be embedded very rapidly and evenly.

### Use:

The electric wire embedder is used to melt a small area of wax foundation so it fuses with the horizontal wires in frames. If the wire is not embedded completely, the bees may not draw out the wax foundation properly.