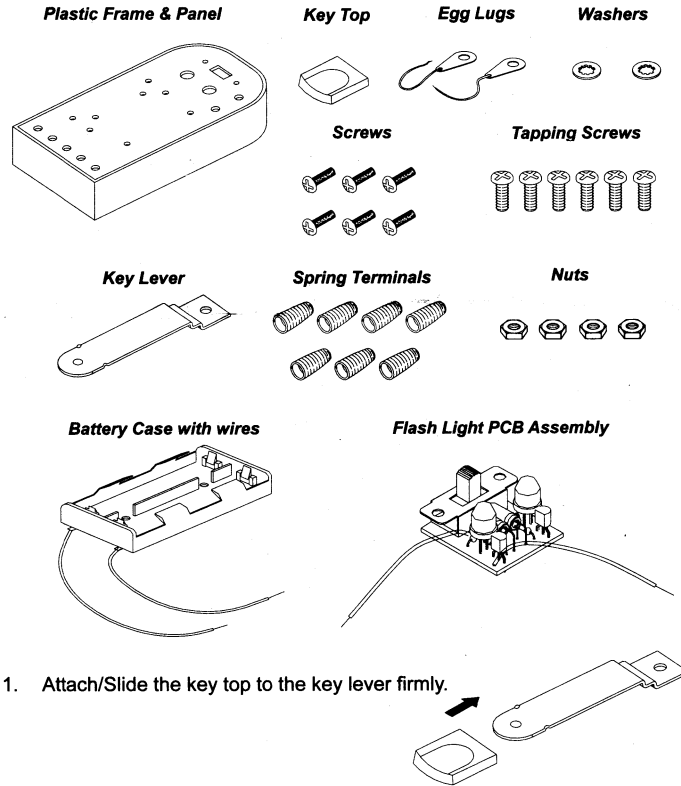


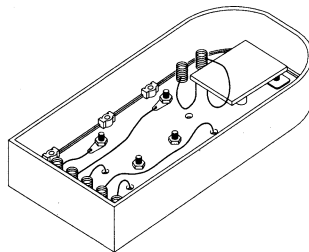
# ASSEMBLING THE LIGHT UNIT

## PARTS LIST



1. Attach/Slide the key top to the key lever firmly.

Insert another washer onto the other screw. Then thread the screw with washer through the key lever and the hole on the panel below and to the right of the battery case. Insert the other egg lug and nut (in this order) onto the screw. Then tighten the nut.



6. Turn the frame around and connect the lug's wires to the remaining spring terminals.

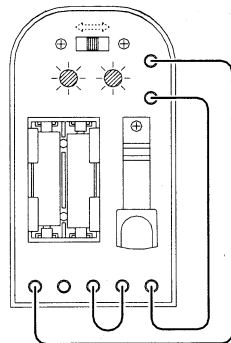
**NOW, YOUR FLASH LIGHT IS READY TO WORK – CONGRATULATIONS!**

### EXPERIMENT 1: Operating the Light Unit

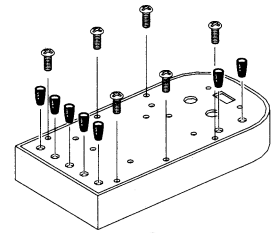
- You need:
- Flash Light
  - Batteries (AA Size)
  - Wires

After wiring the experiment as shown, install the batteries and slide the switch to the right position, then press the key's lever. The LEDs light up. Hold the lever and slide the switch to the left position. What happen - the LEDs start to flashing!

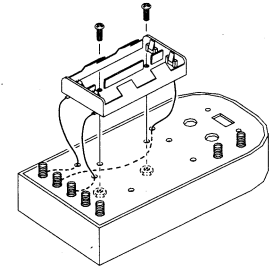
When you are through the experiment, remove the batteries from the battery case to avoid leakage from the battery.



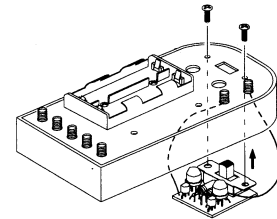
2. Secure the panel to the plastic frame with the six tapping screws. Insert the seven spring terminals into the five holes along the bottom of the panel's face and the two holes next to the LEDs.



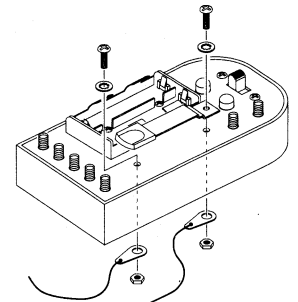
3. Insert three wires from the battery case through the holes on the panel. Attach the battery case to the panel with two screws and nuts. Connect the wires of the battery case to the three spring terminals as shown at right.



4. Attach the Flash Light Assembly to the panel with two screws. Connect the Flash Light Assembly wires to the spring terminals as shown. (The red wire to "+" and the black wire to "-".)



5. Insert a washer onto one of the screws. Then thread the screw with washer through the hole on the panel below and to the left of the battery case. Insert an egg lug and nut (in this order) onto the screw. Then tighten the nut.

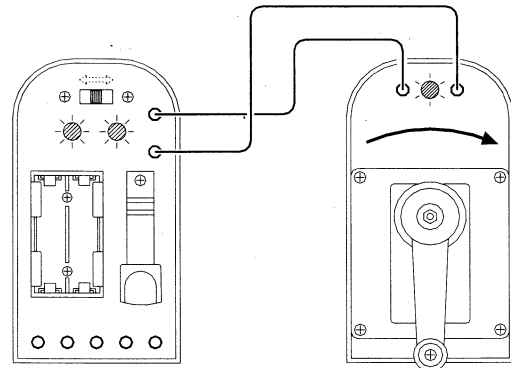


### EXPERIMENT 2: Operating the Light Unit using the Generator without battery

- You need:
- Flash Light
  - Generator
  - Wires

After wiring the experiment as shown below, slide the switch to the right position, then turning the Generator's handle and you will see the LEDs on both two sets light up. Slide the switch to the left position, and turning the handle, you can see the LED on the Generator set lights up and LEDs on the Flash Light set begin to flashing!

Amazing how the electricity generates the power and people using it in our present modern life to make our life better and convenient!



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