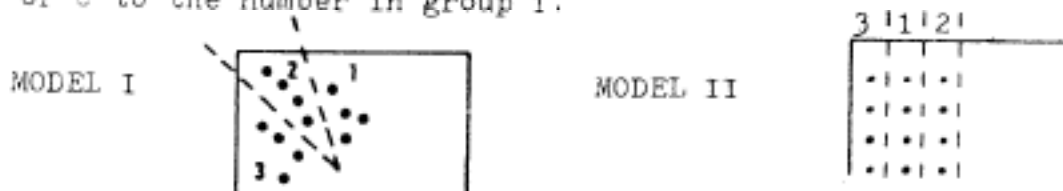


## FOOTNOTES

Note, there are no footnotes between 1 and 7 and between 7 and 10. This is for added clarity (don't think about it too long).

7 At first glance, it may appear difficult to tell the hour because of the large number of hour lamps. To simplify this, note that the dotted line in the figures below divides the hours into three groups. All of the lamps in group 2 light at the same time just as all of the lamps in group 3 light at the same time. Since there are 4 in each of these groups, telling the time becomes a simple addition of 4 or 8 to the number in group 1.



10 Some household magnets may work but many are not the right shape or powerful enough. You may order another from the factory for \$2.00.

11 To understand how room lighting affects lamp life, try the following experiment. In a brightly lit room slowly move your hands up and down just below the 4 one minute lamps. (In Model II it is located in the center of the clock just below the hour lamps) Your hand will be passing in front of the photocell. You will note the lamps dim when your hands block the room light. (In a dark room your hand will have little effect). The photocell was built into the clock so the lamps would be both easier to see in a brightly lit room and yet not glare in a dark room. Since bright lamps burn out faster than dim lamps, placing the clock to avoid direct sunlight is an advantage.

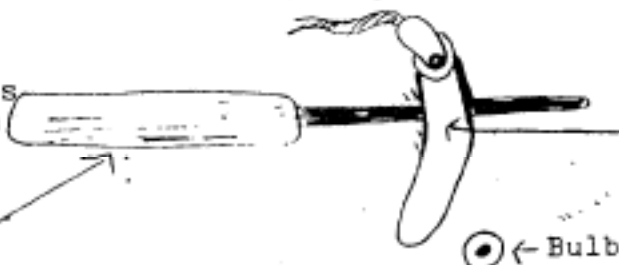
12 The fault lies with the manufacturer of the bulbs.

13 Bulbs may be purchased from local electronic parts stores or from Chrono-Art. A handy order envelope is inside the clock with the spare bulbs. The bulb is known as #330 by local suppliers. sets of 30 bulbs are available from Chrono-Art for \$17.50. sets of 15 bulbs are available for \$9.00. California residents add 6% sales tax; please add \$ .75 shipping with your order.

14 The set switches advance the clock in proportion to the time the magnet is held in the set place. For example holding the magnet near the slow set switch 1 second advances the time 1 minute,  $\frac{1}{2}$  second advances the clock  $\frac{1}{2}$  minute. If you move the magnet by the spot quickly then the clock advances 5-10 seconds, making precise setting possible.

15 The lamp clip will feel loose since there is no longer any tension on it. This is normal. You can bend it back down by sliding a small screw driver under the lamp clip near the rivet as shown in the figure. Then raise the lamp clip with the screw driver until the play (looseness) is gone. Now, with your fore finger push down on the lamp clip near the screw driver until you feel the lamp clip bend. When your done the lamp clip should be pushing against the aluminum sheet. Now put the lamp clip back on the bulb.

First lift screw driver until looseness is gone and hold firm (end of lamp clip may be  $\frac{1}{4}$ " above aluminum sheet before bending)



Second press in this spot with forefinger.

← Bulb