

THE ELECTRIC QUESTIONER

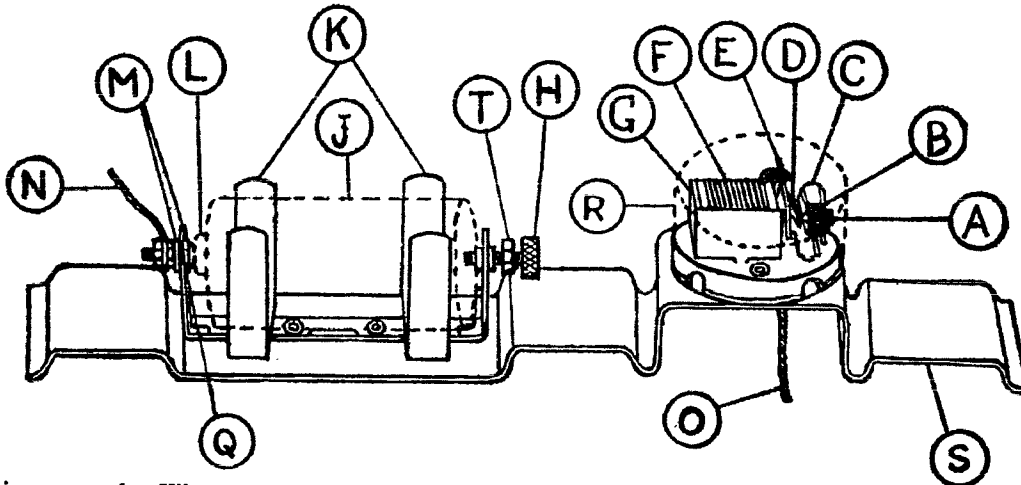
DIRECTIONS FOR ADJUSTMENT

Of the hundreds of thousands Electric Questioners made, an occasional one may get out of adjustment during shipment or be thrown out of adjustment by an inquisitive boy or girl.

Should a Questioner fail to operate at any time, remove the cover from the buzzer by turning it slowly to the right or to the left, lifting up slightly at the same time. Turn ahead the lock nut "B" and then turn the screw "A" first forward and then backward until the buzzer sounds. When the proper pitch is reached turn back the lock nut "B", place the cover back on the buzzer by pressing down slightly, and all is again in working order. But should there be no response when the screw "A" is moved backward and forward, then the trouble may be that the battery is dead, or a break in the electrical circuit. The average life of the battery without use is six months, and it lasts almost as long with ordinary usage. Some batteries have been known to last over a year. To be sure, constant use shortens the life and they are also quickly exhausted by short circuiting. This is often caused by allowing the contact pins, (these are the parts on the ends of the green cords,) to remain in contact with each other.

To place a new battery into a Questioner, first turn back the lock nut "T" and then the screw "H", remove the battery, place a new one in the container, insert into the spring clips "K" being sure that the bottom of the battery, that is, the part with the zinc base, is in the direction of and comes in contact with the screw "H" when it is turned up. Be sure this contact is tight and then lock once more with the lock nut "T", adjust the buzzer as previously described and the Questioner is again in working order. It is important that the battery be placed in the Questioner as described, for to reverse the direction will cause a short circuit and the battery will last but a day.

KEY DIAGRAM



A—Adjusting screw for Vibrator Spring. Turn in and out until best sound.

B—Lock nut.

C—Adjusting screw holder.

D—Armature or vibrator spring.

E—Armature or vibrator, vibrating against G when buzzing.

F—Magnet Spool.

G—Magnet Frame.

H—Thumb Screw. Screw against zinc end of battery.

J—Battery. To change, loosen lock nut "T", turn back "H", slide battery inside nickel cover and press in

spring clips "K", with brass centre Contact "L" toward "M", then screw in "H" and tighten "T".

K—Spring clips to hold battery, grounded to buzzer and battery steel base.

L—Brass contact point in centre of battery. Always place battery with brass contact at this point.

M & Q—Insulating washers. Insulating "L" contact from frame.

N—Lead to one flexible cord insulated from frame.

O—Lead to one flexible cord.

R—Buzzer cover, round, shown by dotted lines.

T—Lock nut.

If for any reason a Questioner has become so damaged that you cannot adjust it, or if it will not work after these suggestions, **PACK IT CAREFULLY** and return it to us at the factory at Port Chester, N. Y., writing a letter at the same time. **DO NOT WRAP THE QUESTIONER IN A PAPER AND RETURN IT—PACK IT.**

KNAPP ELECTRIC CORP.

ESTABLISHED 1890

KNAPP ELECTRIC CORPORATION

SUBSIDIARY OF P. R. MALLORY & Co., INC.

PORT CHESTER

NEW YORK

Dear Friend:-

How do you like the new colored cards, Pictorial Series, Nos. 81-88, which we are putting in the Electric Questioner this year? Four of these cards, Nos. 82, 84, 86 and 87, each tells a complete story. On these cards there are small numerals, 1 to 24, which indicate the order of the story. The corresponding picture, which you will have to find, illustrates this part of the story. On cards Nos. 81, 83, 85 and 88, the pictures are the "questions". The answers to the pictures on the left hand side of the card are found in the text matter on the right hand side, and vice-versa.

We have had many complimentary letters on these new cards. We like to receive these letters for they help us in preparing new cards for the future. All told now, there are nine sets of cards available for the Electric Questioner at prices ranging from \$.50 to \$1.00 per set. There is a brief description of some of these sets printed on the inside of the cover at the left. The Electric Questioner Library which you will find where you bought your Electric Questioner, contains a complete assortment. By owning these extra sets of cards you can multiply the enjoyment your Questioner gives you, any times over and make its variety endless.

Yours very truly,

KNAPP ELECTRIC CORPORATION.