

INSTRUCTIONS FOR

Hoot-Nanny

Hoot-Nanny is a mechanical drawing instrument. It is strongly and accurately made and if used with reasonable care, it will last for years. Hoot-Nanny is an instructive toy and will be helpful in the development of talent in youngsters. Even though Hoot-Nanny must be classified as a "toy," it has captured the interest of many "grown-ups" and has provided many pleasant hours, not to mention novel results!

With Hoot-Nanny you can draw an estimated 22,000,000 different "Hoot-Nannygrams." Beautiful effects can be had by shading and blending harmonious colors in these figures. The results will many times surprise you and be most pleasing. In a child's hands, Hoot-Nanny assists in teaching coordination and is of value in helping the child learn something about colors—especially their compatible relationship to each other in a figured pattern.

Practical uses for the colored designs will suggest themselves: Patterns for fancy work, lampshades, advertising display cards, coasters, and hot pads for table use. "Hoot-Nannygrams" are particularly well suited to fancy bead work—for belts, purses and other generally similar work. Dress designers look at "Hoot-Nanny" as a valuable instrument for originating fancywork designs on dresses. Uses for "Hoot-Nannygrams" are limited only by one's own imagination.

HOW TO MAKE "HOOT-NANNYGRAMS"

"The Magic Designer" is packed with each Hoot-Nanny. By rotating the discs, various design patterns are shown, and by reading the code numbers and letters below the design, it is easy to adjust the Hoot-Nanny to make the illustrated pattern.

The Hoot-Nanny should be placed on a steady table before you. In a sick-bed any type of board of table will do—it must be steady, but it should not be covered with a piece of cloth. In order to add the desired weight to the pencil arm, place two fingers in the depressions of the metal arms

when you are drawing. (See Page 5.)

Insert a paper disc carefully under the clips provided on the rotating table. This paper must be smooth and tightly held in place, or it may slip during the drawing operation. In the beginning it is best to refer to a figure suggested in "The Magic Designer" or contained in this instruction sheet. These suggestions are given you to help you "get started." As soon as you are familiar with the mysteries of "Hoot-Nanny" you will enjoy making your own designs—and there is an almost endless number of them.

While the foregoing information may suffice in most cases, the following is given to those who want more detailed information as to the operation of Hoot-Nanny:

To secure a symmetrical design, the two crank pins must be set in corresponding holes. If the upper crank pin is in one of the outer holes, for example, then the lower crank pin must be set similarly. Next, place the pencil arms over the crank pins, one arm on each crank pin. Use the same letter on each pencil arm. The shift lever may be set in any position. Six revolutions of the handle will complete a design.

Non-symmetrical designs may be made by using unequal settings of the pencil arms or with the crank pins, or both. To complete a design made with unequal settings, the pattern should be drawn twice, the second time exactly reversing the first setting. For example, if J and K are used on the pencil arms, the second time the pattern should be drawn using K and J.

To draw a circle, place pencil arms on circle studs and turn handle the same as when drawing patterns. (See Page 5.)

LOGGING

All adjustments on Hoot-Nanny are either numbered or lettered. There are no duplicate letters or numbers. When a pattern is made that you may want to draw again, proceed as follows: Read the setting of the shift lever, the upper crank disc, the lower crank disc, and the letters used on the pencil

arms in the order named. Example: 35-S 2 - CC. After you become familiar with Hoot-Nanny and develop a few of your own designs, make a notation of each of them so that you can refer to them later. You will find this to be quite a useful suggestion — it is difficult to find the code for any given design.

12-SIDED DESIGN

To secure a 12-sided design, draw the first design, then move crank pins directly opposite to the original setting. When finished, a duplicate of the original design will be made exactly half way between the figures of the first design.

24-SIDED DESIGN

To secure a 24-sided design, first draw a 12-sided design, then move the crank pins in a clockwise direction to the next adjacent holes. When this design is drawn, move the crank pins directly opposite to this setting, and the 24-sided figure will be completed.

NOTE: We recommend the use of colored pencils for coloring — not crayons.

Here are a few "exercises" for Hoot-Nanny: Adjust Hoot-Nanny to the following codes and see what you get:

1. 64 W 5 IB
64 W 5 BI
36 T 4 GG

2. 66 U3 GG
68 S1 GG

3. 50 U5 GL
50 S7 GL
50 Y1 LG
50 W3 LG
10 W5 JJ

4. 36 U1 D D
36 U1 EE
48 S3 JJ

5. 56 } 36 }
58 } 38 }
60 } W6 CC 40 } S2 MM
62 } 42 }
64 } 44 }

6. 50 S7 GL
50 W3 LG
50 U5 GL
50 Y1 LG
10 W5 JJ

7. 50 }
52 } W5 DD
54 }
56 }
58 }
60 }

8. 14 Y7 PP
14 W5 PP
14 W5 MM
14 W5 LL
14 Y7 MM
14 Y7 LL

10. 40 }
42 }
44 }
46 }
48 }
50 }
52 } S8 JE
54 }
56 }
58 }
60 }
62 }
64 }
66 }
68 }

18 W5 LL
60 W5 GG
70 W5 II

9. 18 Y7 LL
14 Y7 NN
14 Y7 OO
14 Y7 PP

HANDLE

If the handle interferes with the pencil arms, rotate the handle backward one or two notches.

The Hoot-Nanny package contains the following items:

CONTENTS

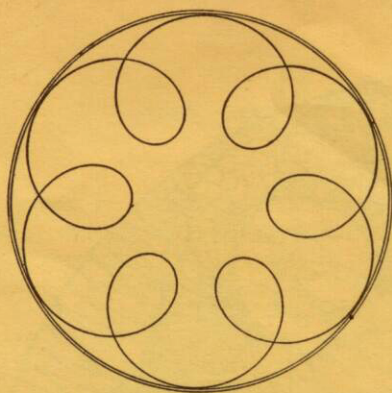
- 1 Hoot-Nanny
- 1 Pair Pencil Arms
- 1 Set Paper Discs
- 1 Pencil

The following items may be purchased from your dealer, or you may send stamps or money with your order to us. We cannot be responsible for the loss of money in mailing. No C. O. D. order will be accepted. Please add 6c for postage on each item.

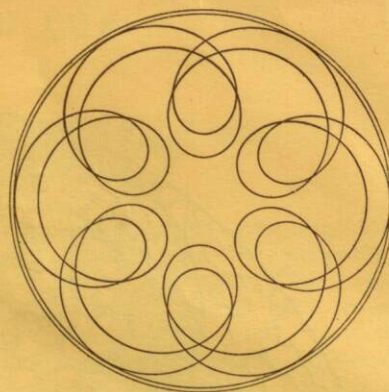
Pencil Arms50c
Envelope of 100 Paper Discs50c

KEEP PENCIL SHARP — YOU WILL GET BEST RESULTS.

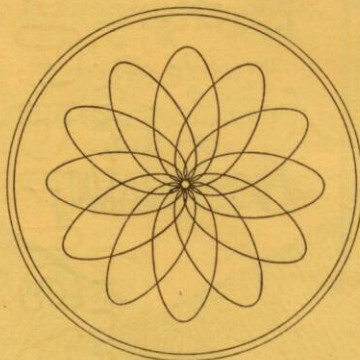
Of course, it is easy to follow a code, but it is not quite so easy to *discover the code* for a pattern. The following pattern-designs are given you without codes. "Try this on your Hoot-Nanny." It will keep you busy!



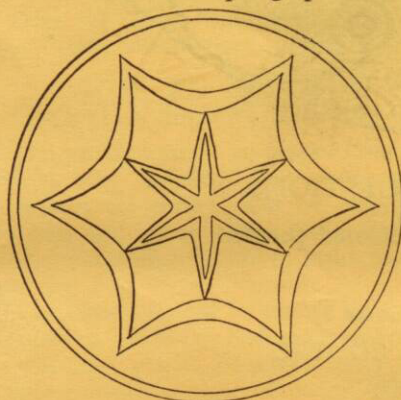
A
This one is easy!



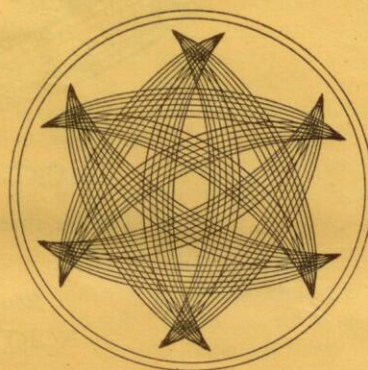
B
This one is just about the same as A, except you add another design.



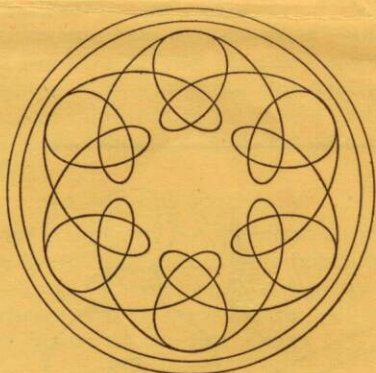
C
This is a 12-sided design — refer to proper paragraph in instructions.



D
This isn't bad — just take it easy!

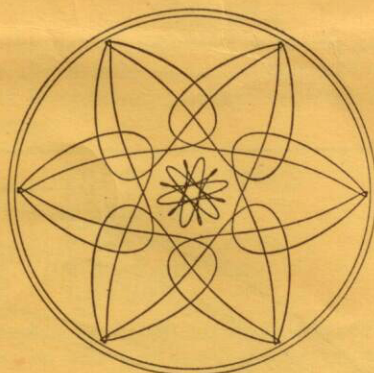


E
This design looks hard — but it really isn't.



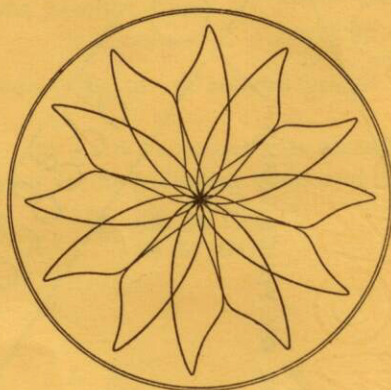
F

This design is very nice for coloring.



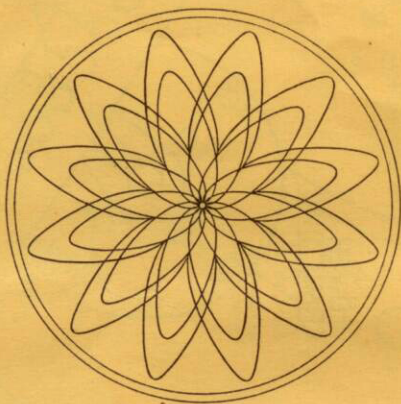
G

This is really a hard one. Here is a tip: Set the scale at 33 for the outer patterns. Have you an aspirin tablet?



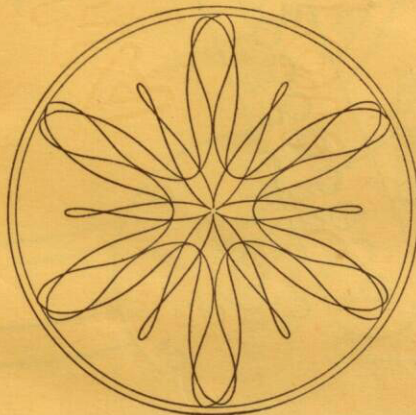
H

This design looks something like a flower.



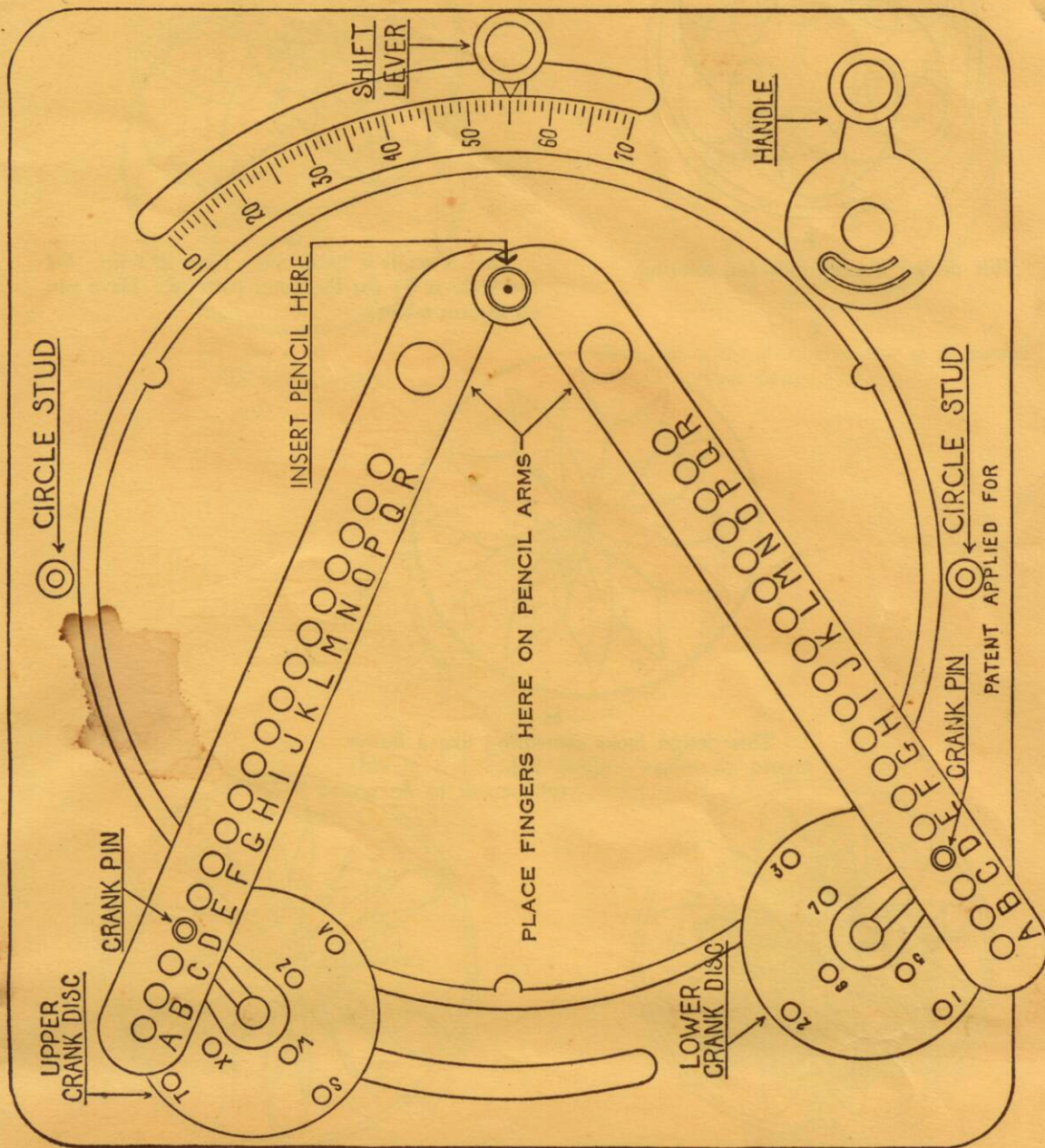
I

This design makes a beautiful figure for coloring.



J

This one is fairly hard — how is your patience?



This setting would be written in "Code" as follows:

(shift lever) (upper crank pin) (lower crank pin) (upper arm) (lower arm)
 55 — U — 4 — D —



BACKGROUND SUGGESTIONS

Make these patterns with colored pencils

Hoot-Nanny Is Manufactured by
NORTHERN SIGNAL CO., INC.
120 N. Broadway
Milw. 2, Wis., U. S. A.