

Magic Square 3x3 Problem

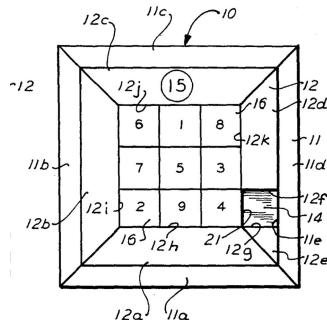


Figure from the 1985 Morrone Patent U.S. 4,548,410.

The Morrone patent (Fig. 3 shown above) shows a version of the *Nine Puzzle* where instead of a missing square there are 9 pieces and an extra tenth position into which one can be slid so the others can move around like the standard *Nine Puzzle*; the patent also shows an object of the puzzle to arrange the pieces so that the numbers add to 15 in all directions.

Below is an add for *Phenyo Caffein* which was found tucked into the pages of the green cover version of the 1893 *Hoffman book*. It presents a 3x3 magic square puzzle. This puzzle is also shown on the back of the *Phenyo Caffein* solution to the *Misfit Puzzle*, and *Phenyo Caffein* also provides a version of the *Sectional Checkboard Puzzle*.

Phenyo=Caffein

PREVENTS OR CURES THE

Severest Headaches.

Also, Facial Neuralgia, Periodic Pains,
and Kindred Ailments.

THE merits of Phenyo-Caffein have been acknowledged by scores of Physicians. One of them recently said that he used Phenyo-Caffein with great benefit in the treatment of a lady who could not take one of the safest coal-tar products because it depressed the action of the heart. Phenyo-Caffein afforded the desired relief without causing any depression. Their tonic action, combined with the pain-relieving constituent of the pills, make what an eminent physician has called a "well balanced preparation"; they "brace one up." Thus they help to overcome the condition which leads to **Headaches** and **Neuralgias**. Phenyo-Caffein has a local tonic action to the stomach and a quieting effect on the nervous system, rendering it not only an efficacious remedy in the ailments indicated, but also the most certain medicine the writer of this note knows of, for overcoming acidity of the stomach, or heartburn. While not a specific for toothache, a pulverized Phenyo-Caffein pill placed against the gum, has given great relief. We have hundreds of testimonials, but the real proof of the remedy is in trying it. We authorize druggists to refund the money if Phenyo-Caffein does not do all we claim for it.

Phenyo-Caffein Company, Worcester, Mass.

Send us two Phenyo-Caffein box covers, 25c. size, or six 10c. sizes, and we will send you a *Misfit* or *Chilian* Puzzle that amuses and fascinates both old and young.

CROSS PUZZLE.

(Solve this without looking at Solution.)

| | | | | | | | | |

Place ten pins or toothpicks in a row from which make five crosses, jumping two pins each time.

KEY TO CROSS PUZZLE.

4	2	8	4	5	6	7	8	6	10
X		X						X	

AN ILLUSION.

Which horizontal line is the longer?

MAGIC SQUARE.

Arrange the figures in this square, so that each column—up, down, or from corner to corner—will make a total of 15. No repetitions.

1	2	3
4	5	6
7	8	9

THE BUTTON PUZZLE.

○ ○ ○ □ ● ● ●

Lay out the puzzle as indicated; then shift the **BLACK** Buttons to the left, and the **WHITE** Buttons to the right, moving but one space at a time or jumping one button at a time. The black buttons must always be moved toward the left, and the white buttons must always be moved toward the right.

PHENYO-CAFFEIN is a positive cure for Headache, Neuralgia and Periodic Pains.

PRICE, 10 and 25 Cents.

SATISFACTION GUARANTEED OR MONEY REFUNDED.

FOR SALE BY

Further Reading

See also *The Great Fifty Puzzle* for 4x4 magic squares.

Morrone Patent, from: www.uspto.gov - patent no. 4,548,410

Wikipedia Page: from: https://en.wikipedia.org/wiki/Magic_square