

C. T. LEACH.
PUZZLE.
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983,730.

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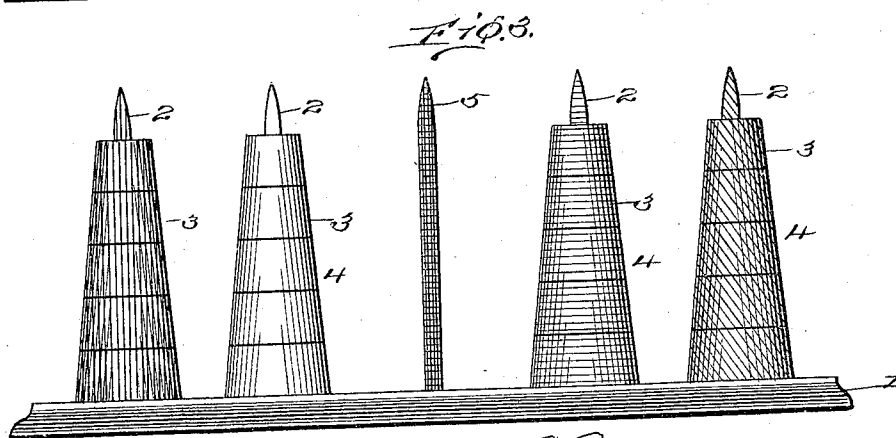
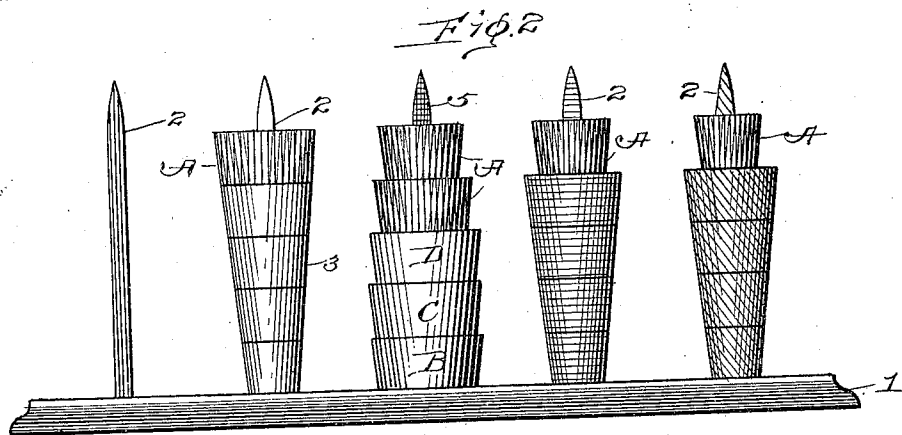
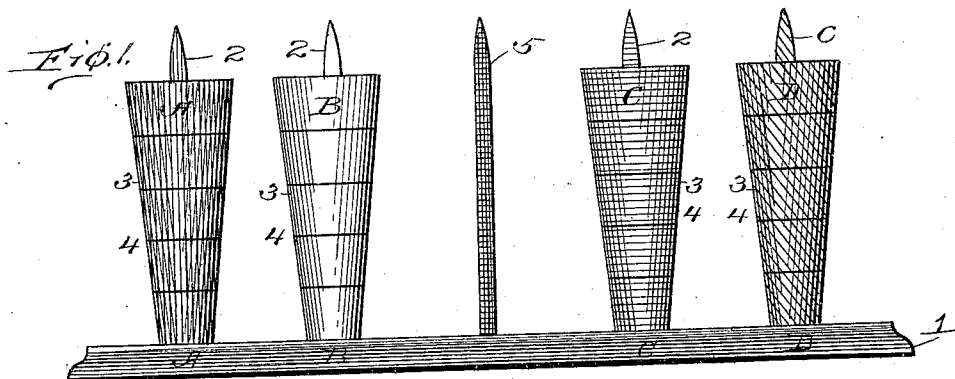


FIG. 4.

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Witnesses
J. M. Fowler Jr.
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UNITED STATES PATENT OFFICE.

CHARLES T. LEACH, OF YALE, OKLAHOMA.

PUZZLE.

983,730.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES T. LEACH, a citizen of the United States, residing at Yale, in the county of Payne and State of Oklahoma, have invented certain new and useful Improvements in Puzzles, of which the following is a specification.

My invention relates to improvements in puzzles, and the object of my invention is the provision of an interesting puzzle suitable for young and old which will be of an entertaining nature and which will tax the ingenuity of the person endeavoring to solve the same.

To attain the desired object my invention consists in a puzzle comprising a base portion and supports mounted thereon, in combination with vari-colored rings, the invention further residing in the novel arrangement of said parts and use thereof substantially as illustrated and as hereinafter more fully set forth.

Figure 1 represents the puzzle in position for solution. Fig. 2 represents one of the steps in the solution of the same, Fig. 3 represents the puzzle after solution, and, Fig. 4 represents a plan view of one of the rings or disks.

In the drawings, the numeral 1 designates the base of the device, said base having arising therefrom a series of supports or posts 2, and in the use of my device, I mount upon all except one of the posts a series of disks 3 of graduated size, said disks forming when superposed in correct position a substantially conical member, and in starting the solution of the puzzle I place said conical members 4 in inverted position as shown in Fig. 1, the object of the puzzle being to by moving but one disk at a time turn over said member and leave it in correct position upon the post where it originally stood, to prevent confusion of the various disks they being suitably marked or colored to distinguish each group and the base of the post being similarly colored or marked to correspond with the disks mounted thereon.

The rules to be observed in the solution of the puzzle are that but one ring can be moved at a time and that no ring is to be inverted until placed in correct position on its proper post.

In order that the method of solution may be understood by those reading this specification, I have illustrated in Fig. 2 the

principal step thereof, and I have designated the rings on the various posts with the characters A, B, C, and D, respectively in order that they may not become confused. From this figure it will be seen that I remove from the column B its top ring and place the same on the empty post 5, upon which post I then mount the top members from the columns C and D. I then remove the top or largest disk which should be at the base of the column A and place it at the top of the column B, and I likewise remove the other rings from the column A until the post is empty, when I return the various rings to correct position. In a like manner I move the disks of the other posts until the entire set of disks have been placed in the correct position as shown in Fig. 3.

From the foregoing description taken in connection with the drawings the construction and operation of my puzzle will be readily understood and it will be seen that I provide a strong, simple and durable device which will prove entertaining and ornamental when in the process of solution, the various intermingled colors of the rings presenting an attractive appearance and further that I provide a puzzle which will tax the ingenuity of the uninitiated to solve.

I claim:

1. A puzzle, comprising a base provided with a plurality of suitably distinguished upstanding posts, and a series of ring members arranged in sets of graduated size adapted to be mounted upon certain of the posts, there being a less number of sets of rings than the number of posts each set of rings bearing markings corresponding to the markings of one of the posts.

2. A puzzle, comprising a base provided with a series of suitably distinguished upstanding posts, and sets of rings adapted to be placed on certain of the posts, said sets being adapted to form truncate cones and being distinguishable from each other, there being a less number of sets of rings than the number of posts each set of rings bearing markings corresponding to the markings of one of the posts.

In testimony whereof I affix my signature, in presence of two witnesses.

CHARLES T. LEACH.

Witnesses:

W. T. RESTERER,
H. A. NOBLE.