

(No Model.)

N. S. WORLEY.
PUZZLE.

No. 505,210.

Patented Sept. 19, 1893.

Fig 1

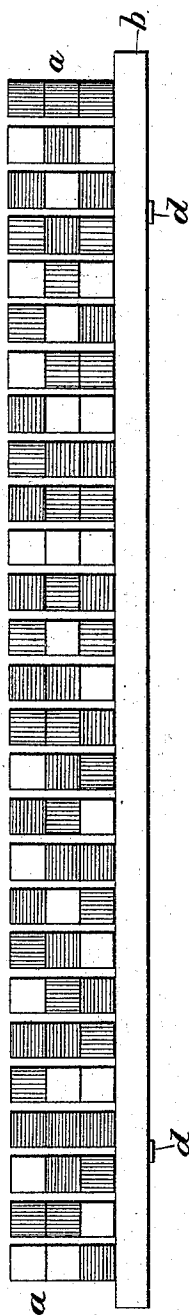


Fig 2

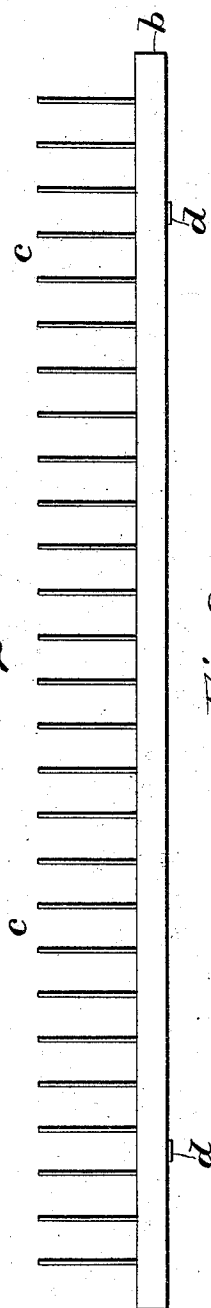


Fig 3

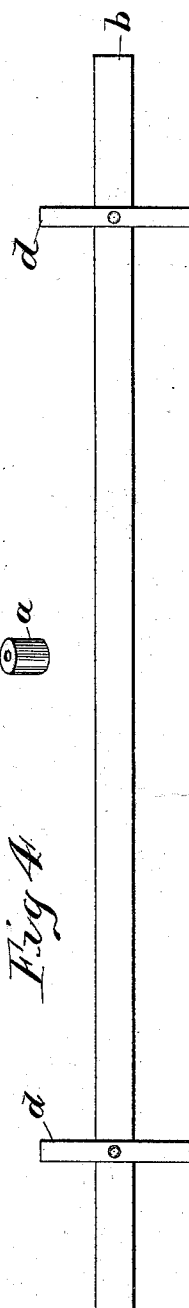


Fig 4



WITNESSES:

Chas. Burdick
Geo. S. Wheelock

INVENTOR

North S. Worley
BY
Oscar F. Aote
ATTORNEY.

UNITED STATES PATENT OFFICE.

NORTH S. WORLEY, OF EVANSVILLE, INDIANA.

PUZZLE.

SPECIFICATION forming part of Letters Patent No. 505,210, dated September 19, 1893.

Application filed May 19, 1893. Serial No. 474,795. (No model.)

To all whom it may concern:

Be it known that I, NORTH S. WORLEY, a citizen of the United States, residing at Evansville, in the county of Vanderburg and State of Indiana, have invented certain new and useful Improvements in Puzzles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improved puzzle, its object being to provide an exceedingly amusing device, pleasing to the eye, requiring skill in its manipulation and effecting an exercise of the faculties of calculation, thus affording a means of training the eye and brain of children, as well as older persons.

The invention comprises three distinct sets of blocks, beads or cylinders, each set being of a different color from the other, and these beads are supported on a suitable frame in such manner as that the colors may be readily distinguished. The sets of beads represent suits of clothes of different color, it requiring three of the former, all of one color, to form an entire suit, and the three constituent parts representing the pants, coat and vest.

In order that my invention may be fully understood I will now proceed to describe the same with reference to the accompanying drawings, in which—

Figure 1, is a side view of my puzzle. Fig. 2 is a side view with the blocks, beads or cylinders removed. Fig. 3 is a perspective view of one of the beads or cylinders. Fig. 4 is an under side view.

The frame for supporting such blocks, beads or cylinders as *a*, shown in Fig. 3, is composed of a base or strip *b*, provided with a row of wires or pins *c*. Pivoted at each end of the base or strip *b*, is a button *d*, which may be turned so as to afford a support for the frame when it rests on any horizontal surface. I have shown twenty-seven of the wires or pins *c*, but is evident that this number may be varied according to the number of beads or cylinders *a* employed. Three distinct colors are shown, and as there are eighty-one beads or cylinders, there will be twenty-seven of them all of one color to each set. The puzzle

is to so place the beads or cylinders *a* on the wires or pins *c*, three beads to each, in such a manner that when a person reads the colors from the bottom upward no two pins of beads will read alike. As has been stated, the beads represent pants, coats and vests, while the wires or pins represent a man who is to dress twenty-seven consecutive days with three suits of clothes of different colors, but yet wear a different combination each day; nor is he to wear the same pants, vests or coat one day which he has worn the next preceding day, but he may wear the same coat, for instance, on alternate days providing of course no two combinations are alike. It should also be noticed that no two colors appear side by side. The blocks, beads or cylinders are to be made of wood, glass or other suitable material. Of course if desired, instead of different colors, different forms or shapes of blocks, beads or cylinders may be used.

Slight changes in the invention may be resorted to by skilled mechanics without departing from the scope and spirit thereof; such for instance as using more beads or colors to each pin, and more than twenty-seven pins. Also, letters, figures or other characters may be used instead of colors, and different shapes instead of colors may be used to distinguish the blocks, beads or cylinders.

Having thus described my invention, what I claim as new is—

1. A puzzle, comprising three distinct sets of blocks, beads or cylinders, of equal number, and a frame provided with wires or pins for holding the blocks, beads or cylinders, substantially as and for the purpose set forth.

2. A puzzle comprising three distinct sets of blocks, beads or cylinders, each set containing twenty-seven parts, and a frame provided with twenty-seven wires or pins each, for holding three blocks, beads or cylinders, said blocks, beads or cylinders being adapted to be arranged on said wires or pins in such manner as that no two wires or pins will appear alike, when filled, substantially as and for the purpose set forth.

3. A puzzle, comprising a base or strip provided with wires or pins, pivoted supports for

the base or strip, and blocks, beads or cylinders adapted to be arranged on said wires or pins, substantially as, and for the purpose set forth.

- 5 4. A puzzle, comprising a base or strip provided with pivoted buttons, and wires or pins for supporting blocks, beads or cylinders, substantially as and for the purpose set forth.
- 10 5. A puzzle, comprising a series of spaced wires or pins, and several distinct sets of re-

movable objects of equal number, adapted to be received by said wires or pins, substantially as set forth.

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

NORTH S. WORLEY.

Witnesses:

P. B. TRIPLETT,
D. C. CRUNEN.