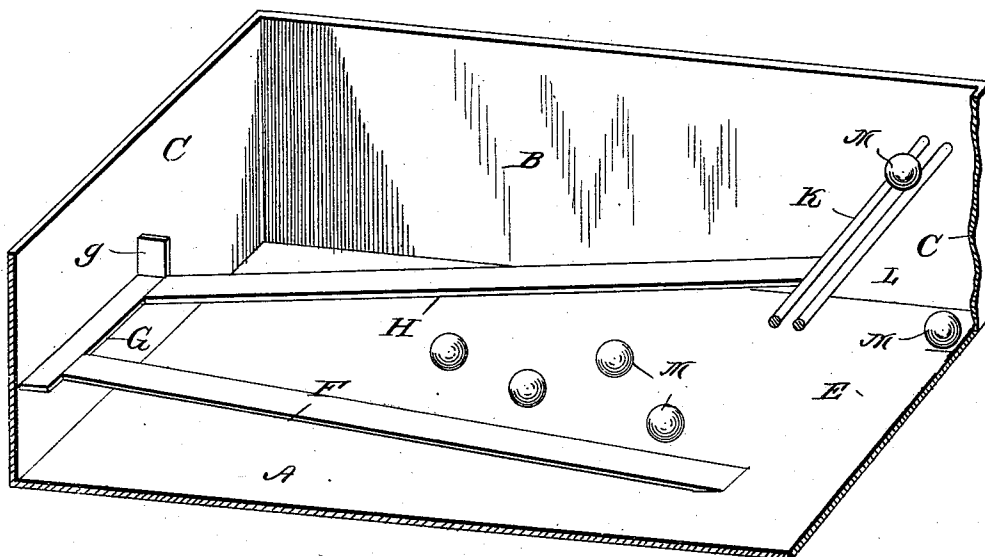


(No Model.)

C. M. FITZ.
PUZZLE.

No. 556,535

Patented Mar. 17, 1896.



WITNESSES:

M. B. Harrison
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INVENTOR

INVENTOR,
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BY
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ATTORNEYS

UNITED STATES PATENT OFFICE.

CHARLES MOULTON FITZ, OF OAKLAND, CALIFORNIA.

PUZZLE.

SPECIFICATION forming part of Letters Patent No. 556,535, dated March 17, 1896.

Application filed December 2, 1895. Serial No. 570,756. (No model.)

To all whom it may concern:

Be it known that I, CHARLES MOULTON FITZ, a citizen of the United States, and a resident of Oakland, in the county of Alameda and State of California, have invented certain new and useful Improvements in Puzzles, of which the following is a specification, reference being had to the accompanying drawing, forming a part thereof, in which similar letters of reference indicate corresponding parts.

This invention relates to puzzles; and the object thereof is to provide an improved device of this class which is simple in construction but comparatively difficult of solution and which is designed to represent chickens going to roost.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, said drawing being a perspective view of my improved puzzle, one side and one end of the box or casing which I employ being broken away.

In the practice of my invention I provide a box or casing which comprises a bottom A, sides B, but one of which is shown, and ends C, one side and one end being cut away so as to better show the inner construction.

Within the box or casing, at one side thereof, is arranged an inclined plate or strip F, one end of which rests upon the bottom A and the other end of which is slightly higher and connects with a parallel plate or strip G at the opposite end of the box or case, which extends part way along the end with which it is connected or to about the middle thereof, and extending from the inner end of said plate or strip G is an upwardly-inclined plate or strip H, the higher end of which is supported by a rod or bar K, which extends transversely across the end of the box or casing, near the top thereof, and in connection with said rod or bar K is employed a similar rod or bar L, which is parallel therewith and arranged at a slight distance therefrom.

At the inner end of the strip or plate G is an upwardly-directed shoulder or projection g, and I also employ a plurality of balls or spherical bodies M, which are designed to rep-

resent chickens, and the rods or bars L and K are designed to represent the chicken-roost, and the solution of the puzzle consists in so manipulating the device as to roll the balls or spherical bodies M up the inclined plates or strips to the roost, and said solution also involves the manipulation of the device so as to lodge all of the balls or spherical bodies on the rods K and L.

Any desired number of balls or spherical bodies M may be employed, and my invention is not limited to the exact form of the box or casing or to the form or location of the inclined plates or strips, and I therefore reserve the right to make all such alterations in and modifications of the construction described as fairly come within the scope of my invention.

Having fully described my invention, I claim as new and desire to secure by Letters Patent—

1. A puzzle, comprising a box or casing and having upwardly-inclined plates or strips which extend across one side, across or part way across one end and back again to near the other end, where the end of the last plate or strip is supported by parallel bars or other devices, and a plurality of balls or spherical bodies placed within said box or casing, substantially as shown and described.

2. In a puzzle, a box or casing which is oblong in form and composed of a bottom and vertical sides and end pieces, an inclined strip or plate one end of which rests upon the bottom near one end of the box, said strip being arranged adjacent to one side, and connected with an inclined strip at the opposite end, which connects with an inclined strip or plate which extends upwardly and longitudinally of the box, and the upper end of which connects with a cross bar or rod, adjacent to which is another cross bar or rod, and said box or casing being also provided with a plurality of balls or spherical bodies, substantially as shown and described.

3. In a puzzle, a box or casing composed of a bottom, and vertical ends and sides, said box or casing being provided with plates or strips which connect with each other, the end

of one of said plates or strips resting upon
the bottom, and the end of the last being near
the top of the box or casing and supported
by a rod or bar adjacent to which is a similar
5 rod or bar, substantially as shown and de-
scribed.

In testimony that I claim the foregoing as

my invention I have signed my name, in pres-
ence of the subscribing witnesses, this 21st
day of November, 1895.

CHARLES MOULTON FITZ.

Witnesses:

JOHN SQUIRES,

WALTER P. WOOLSEY.