

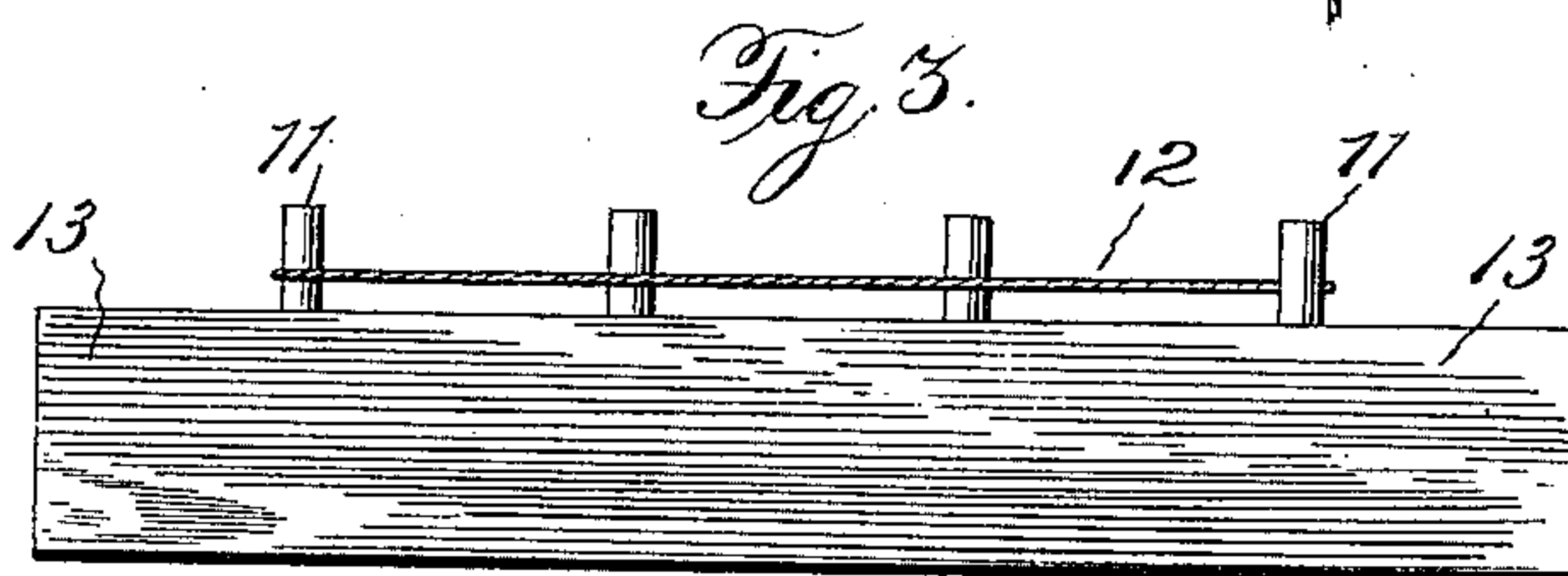
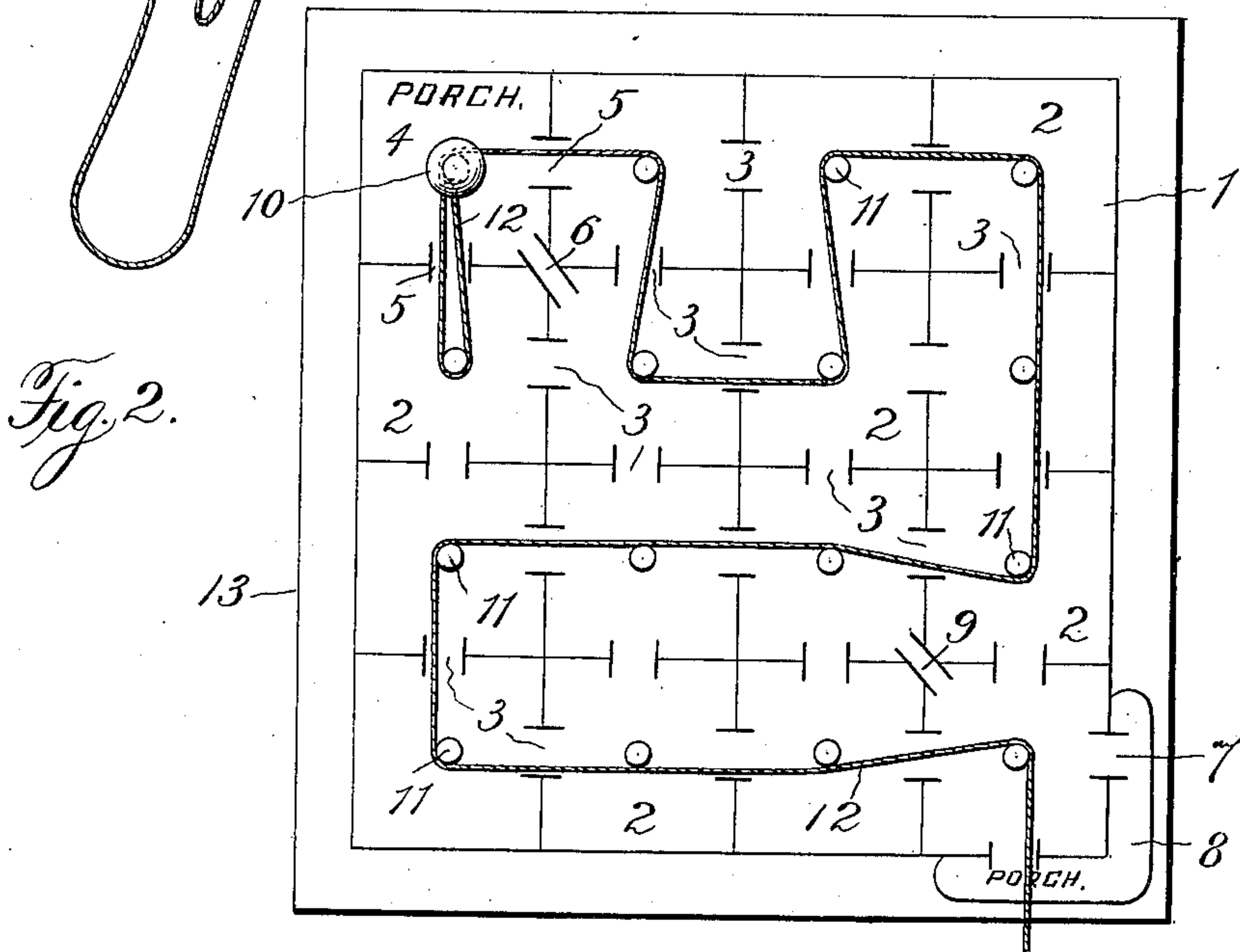
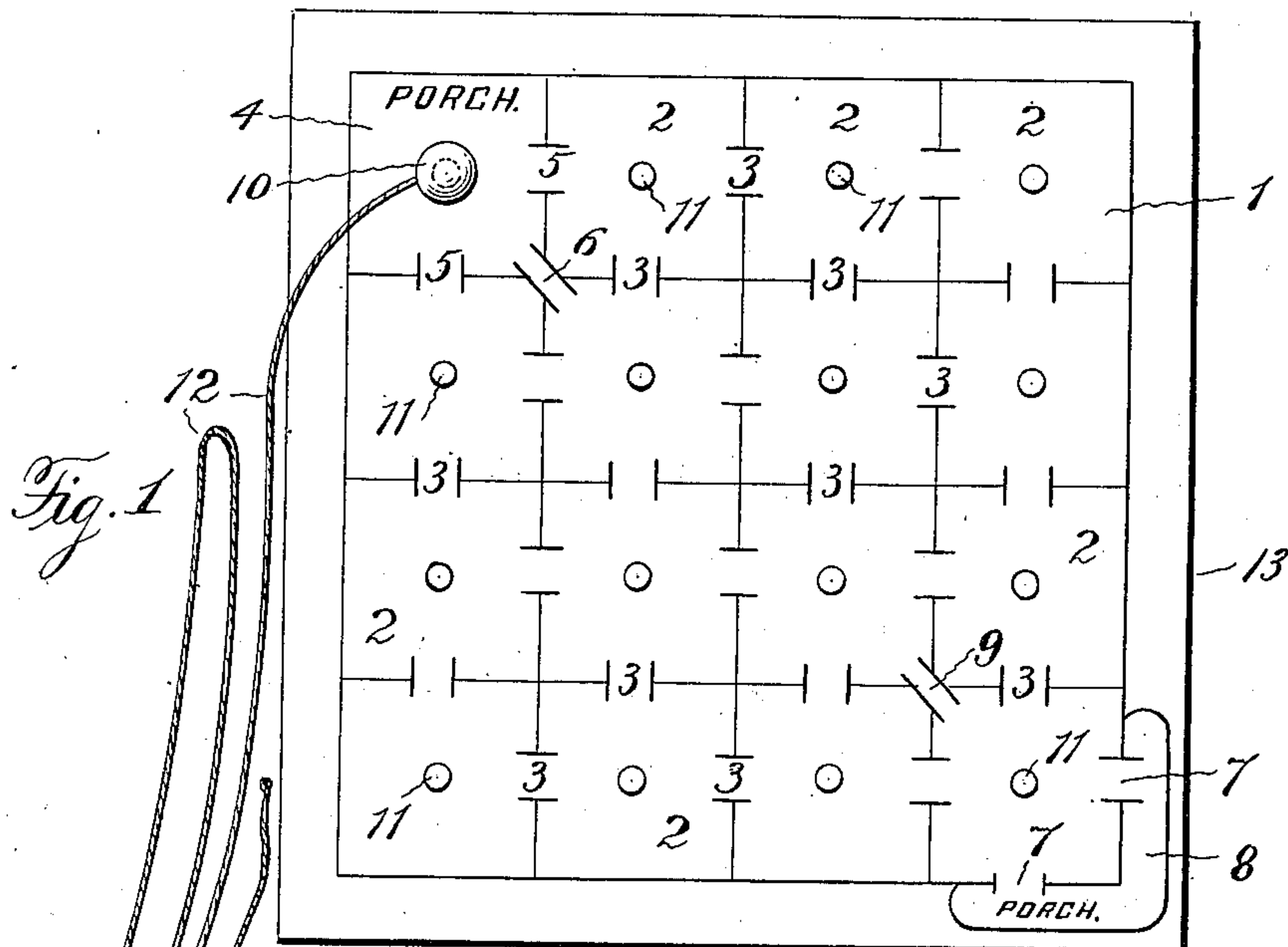
No. 658,083.

Patented Sept. 18, 1900.

F. FAVOUR.
PUZZLE.

(Application filed Dec. 14, 1899.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

FRANK FAVOUR, OF ROCHESTER, NEW YORK, ASSIGNOR, BY MESNE ASSIGNMENTS, OF ONE-HALF TO HAROLD C. MITCHELL, OF SAME PLACE.

PUZZLE.

SPECIFICATION forming part of Letters Patent No. 658,083, dated September 18, 1900.

Application filed December 14, 1899. Serial No. 740,323. (No model.)

To all whom it may concern:

Be it known that I, FRANK FAVOUR, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Puzzles, of which the following is a specification.

This invention comprises a puzzle which is capable of being solved by the exercise of considerable patience and ingenuity and which affords considerable pleasure and amusement.

The puzzle is illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of the device. Fig. 2 is a similar view illustrating one solution of the problem, and Fig. 3 is an end view.

My improved puzzle represents a house having a number of rooms with front and back porches. A burglar is assumed to have entered the house from the front porch and emerged on the back porch, having visited each room but once, always passing through the doors. The problem is to outline the route of the burglar through the building, and for this purpose a cord is provided and pins are placed in the centers of the rooms around which the cord may be passed.

Referring to the drawings, 1 indicates a diagram of a rectangular series of rooms 2 2. In each of the division-walls of the rooms are doors 3 3. At one corner of the diagram is a porch 4, which may be termed a "front" porch, and between the porch and the two adjacent rooms are doorways 5. At the inner corner of the porch is also a doorway 6. The room diagonally opposite the front porch has two doorways 7, opening out onto a "back" porch 8. It also has a doorway 9 at its innermost corner. A pin 10 is placed on the front porch and assumed to be the starting-point of the burglar. A pin 11 is placed in each of the rooms in line with the doorways. The problem is to outline the path of the

burglar by passing a cord 12, which is attached to the pin 10, through the doorways and around the pins 11 in such a manner as to enter every room and pass out onto the back porch, each room being entered but once. A solution of the problem is shown in Fig. 2, in which the cord indicates that the burglar entered one of the rooms adjacent to the front porch, then retreated to the porch and entered the other room adjacent thereto, from which latter room he passed successively through all of the remaining rooms and out onto the back porch.

The diagram 1 may be printed directly upon the block or board 13, or it may be printed on a piece of paper or other material and pasted upon the block.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

A game or puzzle comprising a block or board, a diagram thereon representing a rectangular series of rooms with communicating doorways in their division-walls, a porch at one corner of the diagram provided with doorways communicating with the adjacent rooms, a porch at the diagonally-opposite corner of the diagram outside of the corner room and communicating therewith by two doorways, a pin in each of the rooms in line with the doorways, a pin on the front porch to indicate the starting-point, and a cord attached to said latter pin and of such length that it may be passed through all of the rooms and out onto the back porch without crossing any of the division-walls, substantially as shown and described.

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

FRANK FAVOUR.

Witnesses:

CHAS. L. HUNT,
JAMES COCHRANE.