

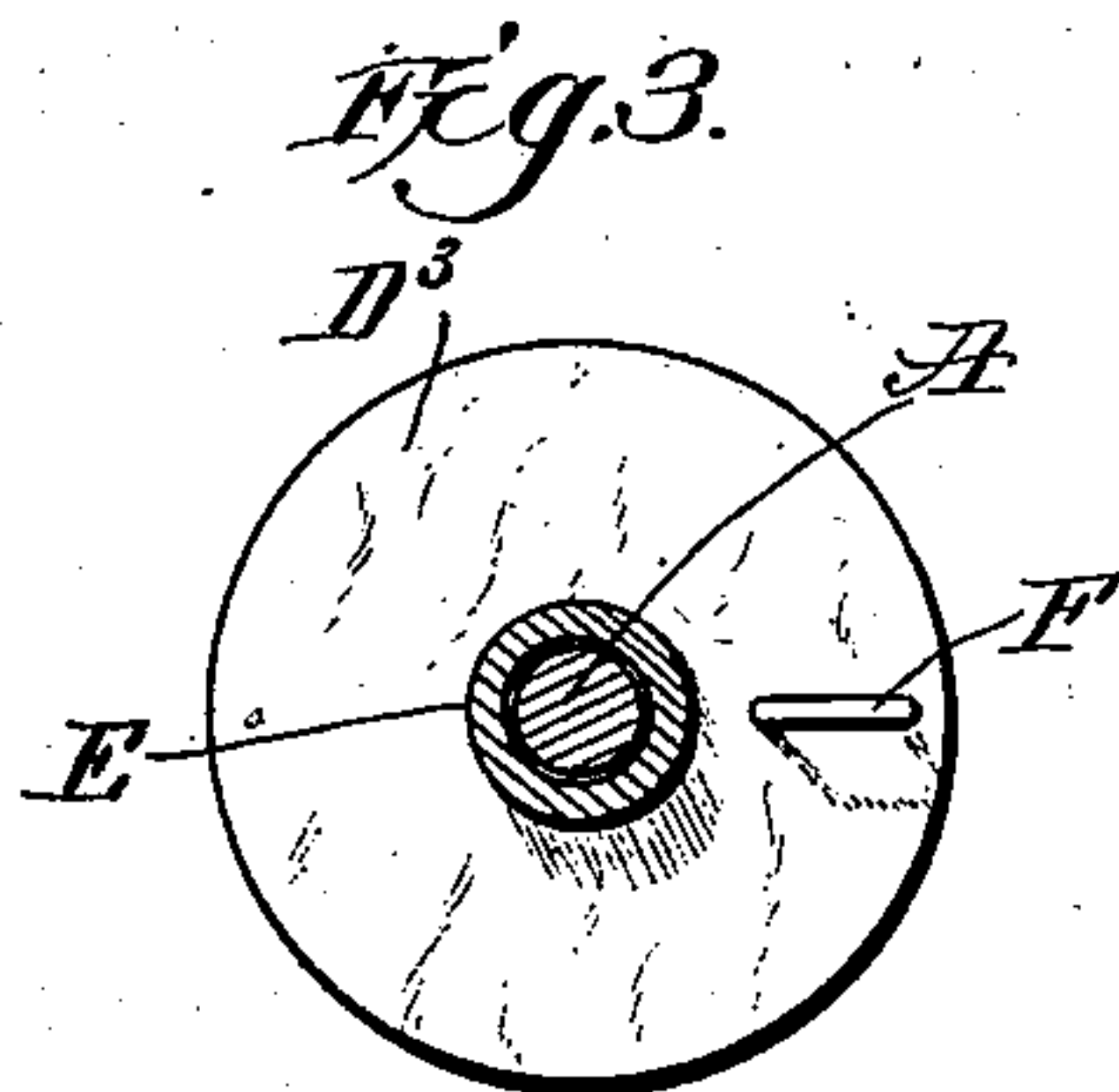
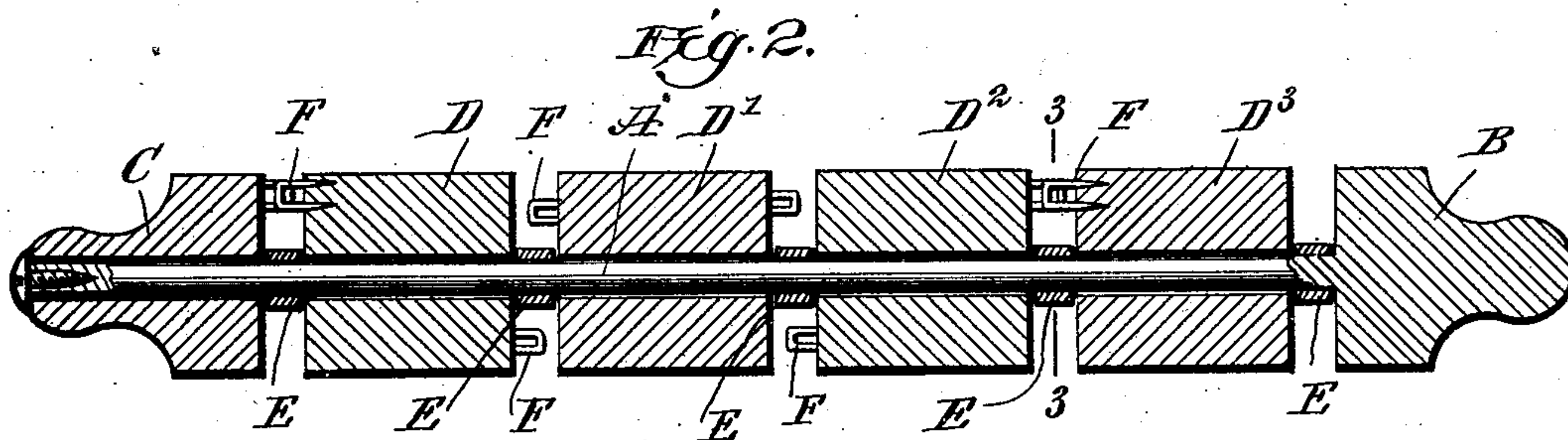
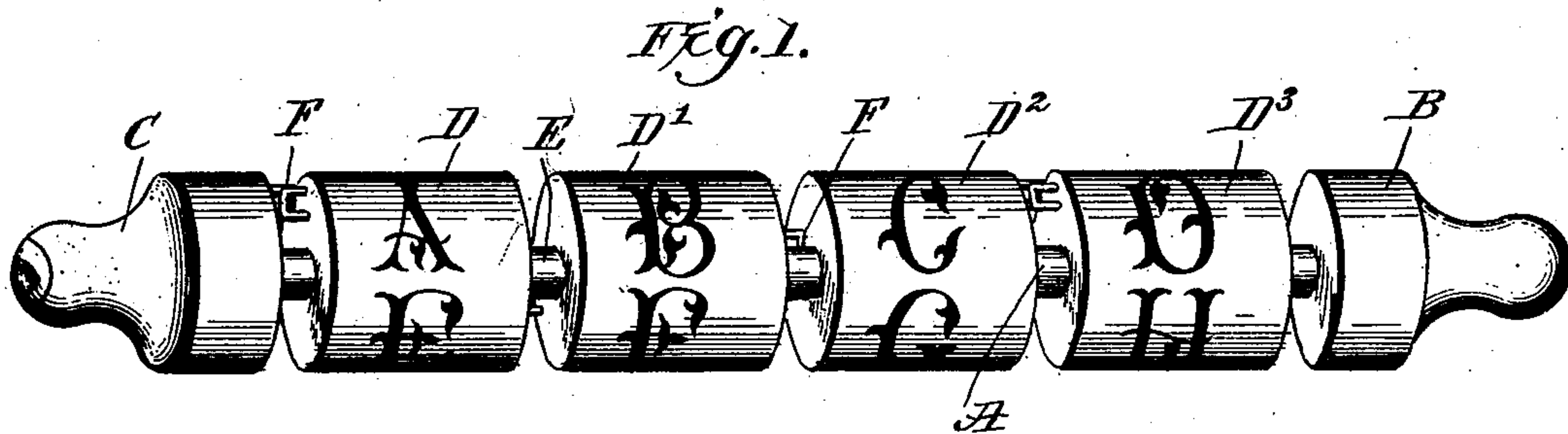
No. 754,724.

PATENTED MAR. 15, 1904.

L. VAN PUTTEN.
PUZZLE.

APPLICATION FILED OCT. 12, 1903.

NO MODEL.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LEONARD VAN PUTTEN, OF HOLLAND, MICHIGAN.

PUZZLE.

SPECIFICATION forming part of Letters Patent No. 754,724, dated March 15, 1904.

Application filed October 12, 1903. Serial No. 176,688. (No model.)

To all whom it may concern:

Be it known that I, LEONARD VAN PUTTEN, a citizen of the United States, and a resident of Holland, in the county of Ottawa and State of Michigan, have invented a new and Improved Puzzle, of which the following is a full, clear, and exact description.

The invention relates to games and toys; and its object is to provide a new and improved puzzle which is simple and durable in construction, cheap to manufacture, and provided with revoluble picture-blocks to be brought in such relative position to each other by the operator that the pictures will form complete sets of pictures.

The invention consists of novel features and parts and combinations of the same, as will be more fully described hereinafter and then pointed out in the claims.

A practical embodiment of the invention is represented in the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improvement. Fig. 2 is a longitudinal section of the same, and Fig. 3 is an enlarged transverse section of the same on the line 3 3 of Fig. 2.

On one end of a spindle A is fixed a knob or handle B, and on the other end of the said spindle is mounted to rotate loosely a knob or handle C. On the spindle A, between the said knobs B and C, are arranged a plurality of blocks D, D', D², and D³, preferably in the shape of rollers, provided on their peripheral faces with letters, pictures, figures, and like legends arranged in such a manner that when the blocks are brought in a predetermined longitudinal alinement with each other then the said legends, say, spell a word or form a set of pictures or the like.

The blocks D, D', D², and D³ are spaced from each other, and the end blocks are spaced from the knobs B and C by suitable washers E, held on the spindle A, and the opposite faces of the said blocks are provided with projections or pins F, adapted to abut one against the other, so that when one block is turned and its projection engages the projection on the next adjacent block then the

latter turns with the first block. The knob C is also provided on its inner face with such a projection F to engage the projection on the outer face of the first block D.

Now in order to bring the blocks D, D', D², and D³ into proper alinement with each other for forming words or sets of pictures and the like the operator takes hold with one hand of the fixed knob B and with the other hand turns the knob C to rotate the first block D, which in turn rotates the block D', capable of turning the other block D², the latter being capable of turning the block D³. By this arrangement the several blocks can be turned forward or backward, according to the direction in which the knob C is turned, to permit the operator to finally bring the several blocks into the desired relation with each other.

The device is very simple and durable in construction, cheap to manufacture, and arranged to require considerable skill on the part of the operator to properly solve the puzzle.

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

1. A puzzle comprising a spindle provided on one end with a fixed knob and at the other end with a knob mounted to turn loosely on the spindle, blocks mounted to turn loosely on the spindle, between the knobs, and projections on opposite faces of adjacent blocks and the said loose knob, as set forth.

2. A puzzle comprising a spindle provided on one end with a fixed knob and at the other end with a knob mounted to turn loosely on the spindle, blocks mounted to turn loosely on the spindle, between the knobs, projections on opposite faces of adjacent blocks and the said loose knob, and legends on the peripheral face of each of the blocks, properly-alined legends of the several blocks forming a set, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LEONARD VAN PUTTEN.

Witnesses:

CHARLES H. McBRIDE,
MARTHA PRAKKEN.