

(No Model.)

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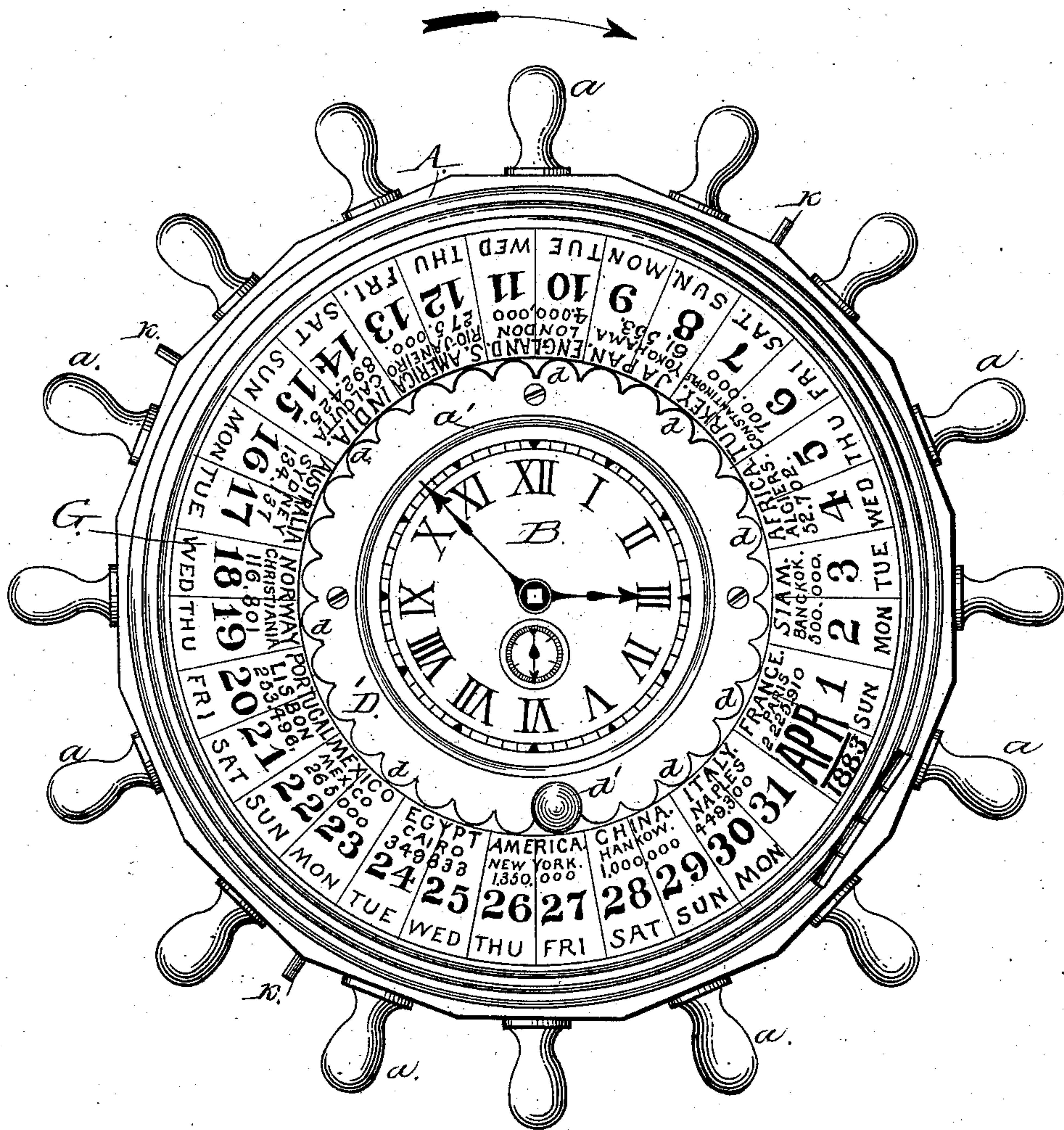
W. COOPER.

GAME APPARATUS CALENDAR AND CLOCK.

No. 294,586.

Patented Mar. 4, 1884.

Fig. 1



Witnesses;

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Inventor;

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(No Model.)

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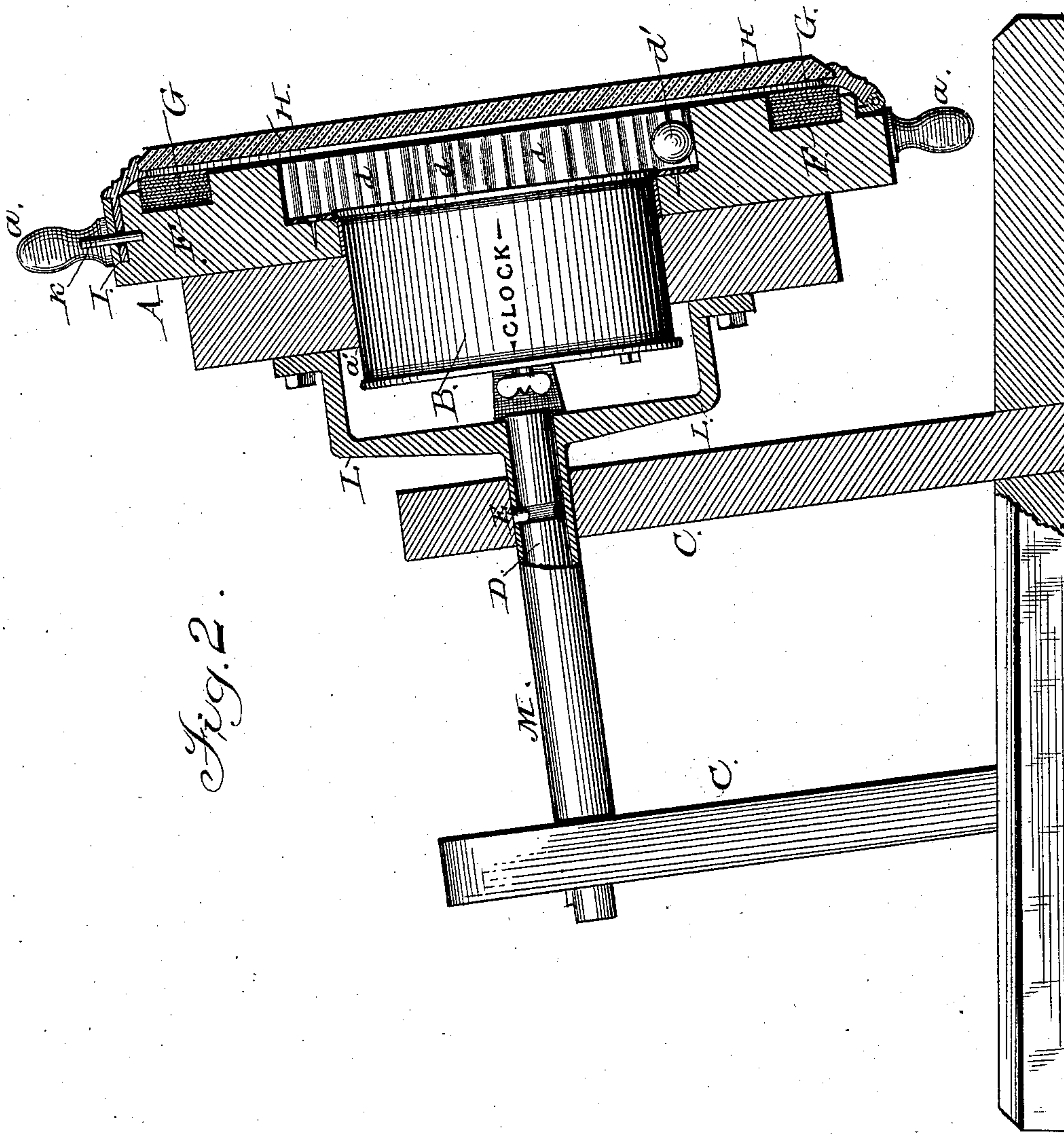


Fig. 2.

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(No Model.)

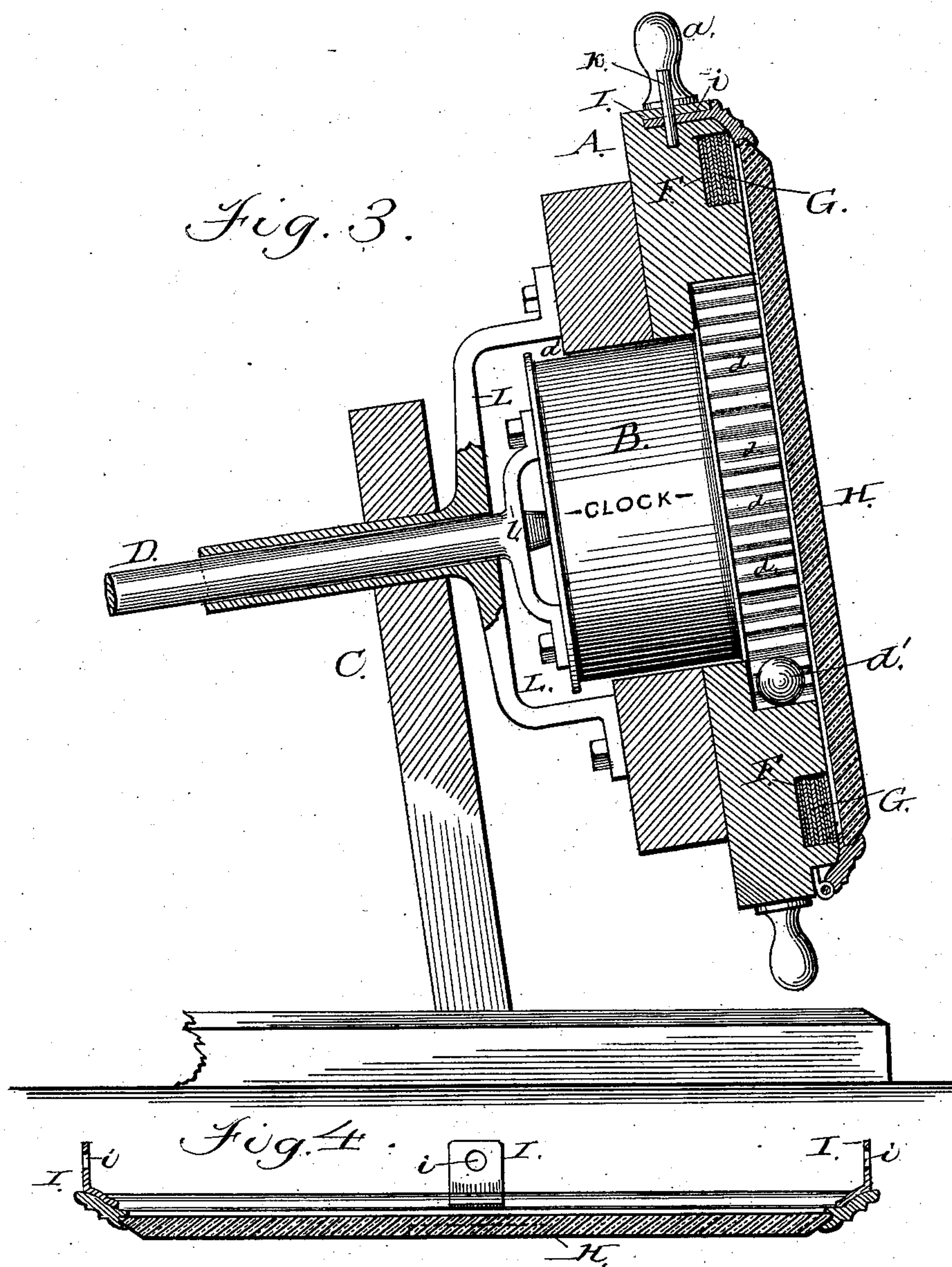
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UNITED STATES PATENT OFFICE.

WILLIAM COOPER, OF NEW YORK, N. Y.

GAME APPARATUS, CALENDAR, AND CLOCK.

SPECIFICATION forming part of Letters Patent No. 294,586, dated March 4, 1884.

Application filed January 3, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM COOPER, a citizen of the United States, residing in New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Game Apparatus, Calendar, and Clock, of which the following is a specification.

My invention relates to a game apparatus consisting of a clock, in combination with an outer dial in which are secured tablets having printed or written thereon the months of the year and dates, and also the names of the principal cities of the world, with the number of their population. I also form between the clock and outer rim a series of grooves or notches adapted to receive the ball, which as the dial is revolved will fall into one of said grooves and indicate the number gained.

My invention consists, further, in the novel arrangement and combination of parts, as will be hereinafter more fully set forth, and specifically pointed out in the claims.

I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 represents a front view of my improved game apparatus; Fig. 2, a vertical section of the same; and Figs. 3 and 4 are views in detail.

Similar letters of reference refer to similar parts throughout the several views.

In the drawings, A represents a cylindrical frame, having secured to its periphery a series of knobs, *a*, and in the center of which is an opening, *a'*, in which is secured a clock, B, secured so as to either revolve therewith, as shown in Fig. 2, or remain stationary, as shown in Fig. 3, as may be desired. I may, however, in place of said clock, secure a disk or dial, on which may be imprinted or painted thereon any marks or figures desired. The frame A is supported upon standards or arms C·C by means of a shaft, D, to which it is held by a pin, E, as shown in Fig. 2, the said standards being supported upon any suitable framework, and they may also be placed at any angle or height found convenient.

On the face of the frame, and near its outer portion, I form an annular groove or recess, F, in which I secure a removable tablet, G,

formed preferably of sheets of paper or cardboard, one for each of the months of the year, and upon which are printed or written the year, months, and days of the month, together with a list of the principal cities of the world, with the number of their population, all as shown.

Between the clock and outer rim I form an annular groove or recess, D', provided around its periphery with a series of notches or grooves, *d*, adapted to receive a ball, *d'*, which, as the cylinder is revolved upon its shaft, will partly revolve with it, and as it becomes stationary will fall into one of the notches, thus indicating the number attained by means of the ball, (registering with one of the notches,) the day of the month, number of population, or city to which it registers, and the game decided by the numbers or otherwise, as may be selected by the players. Thus, for instance, should the ball fall into the notch registering with "10" it would show that he had gained ten. It would also register with "England, London," showing that it had a population of 4,000,000 inhabitants. It is thus evident that either of the above figures or names could be used to determine the winner of the game.

The face of the cylinder is protected from dust, &c., by means of a glass plate, H, made preferably in the form of an ordinary clock-door, except that I secure to the periphery of the door the inwardly-extending projections I, having pin-holes *i*, and which are adapted to enter into slots or grooves *i'*, formed in the outer circle of the frame A, and it will thus be seen that when the door or plate is closed it can be firmly secured to said frame by means of pins *k*, passing through the periphery of the frame and the holes in the projections I.

Upon the back of the frame I secure a bracket, L, preferably formed in the manner shown, the purpose of which is to leave a space for winding the clock, for securing the shaft to its center, and to give stability to the whole apparatus.

I do not desire to be understood as limiting myself to the precise construction here shown, as it is evident that, instead of placing my apparatus in an inclined or vertical position, it may be placed in a horizontal one.

The bracket L is attached to the sleeve M,

which fits loosely over and revolves upon the stationary shaft D, and to the inner end of shaft D is secured the bracket l, which in turn is secured to the back of the clock B, and holds it fast and stationary while the frame A is revolving around it, as shown in Fig. 3. If it be desired to have the clock revolve with the frame A, the bracket l should be omitted and the clock be attached directly to the frame by any convenient and well-known means. By the clock the time and duration of the game are regulated and determined, as in watching the game the clock-dial is necessarily in sight, and immediately before the eyes of the players.

In the preparation of the tablet G, I do not confine myself to any particular words or figures, as it is evident that scientific, arithmetical, grammatical, and other terms tending to impart useful information may be used without departing from the spirit of my invention.

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

1. In a game apparatus, the revolving cylinder provided with an annular recess to receive a tablet, and an inner groove having notches, in combination with a ball and clock, the whole being secured by a shaft to suitable supports, all substantially as shown and described.

2. In a game apparatus, a cylinder suitably supported and adapted to be revolved, and provided with a groove adapted to receive a tablet having imprinted thereon the year, month, and date, and a list of the principal cities of the world and population, the inner

groove provided with notches, in combination with a ball and clock, substantially as shown, and for the purposes described.

3. In a game apparatus, the revolving cylinder suitably supported, and provided with grooves to receive a tablet and ball, and the clock B, in combination with the door or plate H, having inwardly-extending projections I, whereby the same is secured to the cylinder, substantially as shown and described.

4. In combination with a game apparatus, the cylinder having notches and removable tablets forming a calendar, a ball adapted to enter said notches, whereby the number attained is indicated, substantially as shown and described.

5. In a game apparatus, the cylinder provided with annular grooves, in combination with a clock and tablets, substantially as shown, and for the purposes described.

6. In a game apparatus, a revolving cylinder suitably supported and provided with knobs a, the outer annular groove adapted to receive tablets forming calendars, the inner groove provided with notches, the removable door having inwardly-extending projections, whereby the same is secured to the cylinder, in combination with a clock and a ball adapted to rest in the notches, whereby a game may be determined, all substantially as shown and described, and for the purposes set forth.

WILLIAM COOPER.

Witnesses:

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