

(No Model.)

W. B. CARPENTER.
GAME COUNTER.

No. 350,577.

Patented Oct. 12, 1886.

Fig. 1.

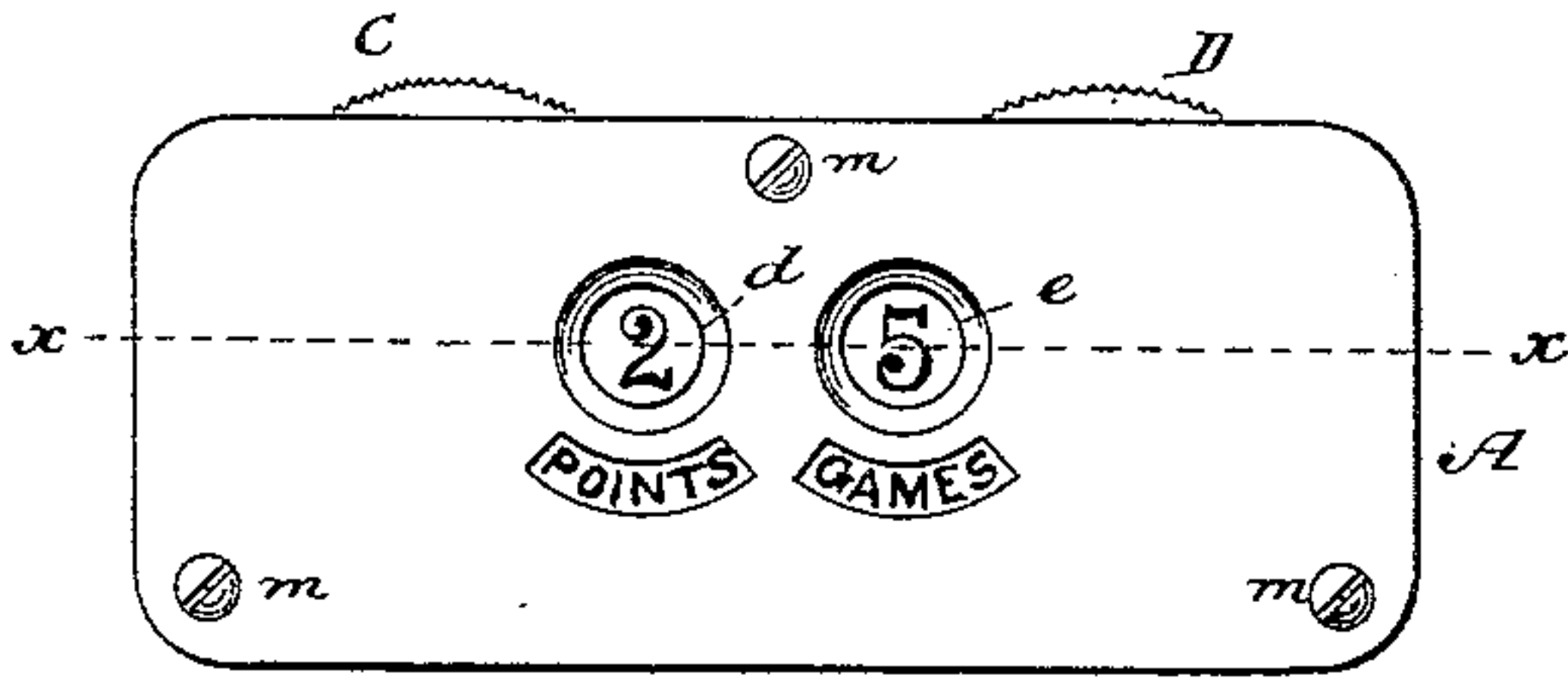


Fig. 2.

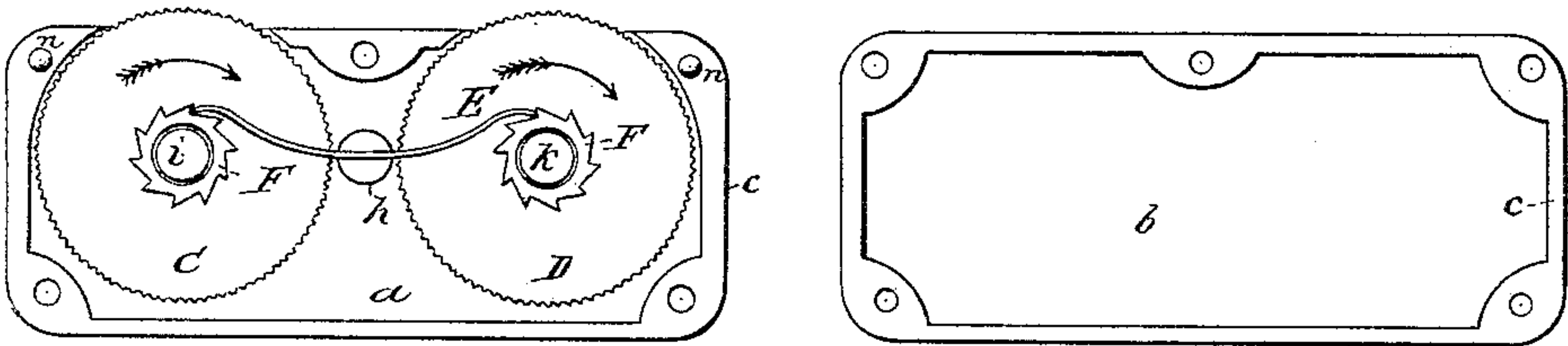


Fig. 3.

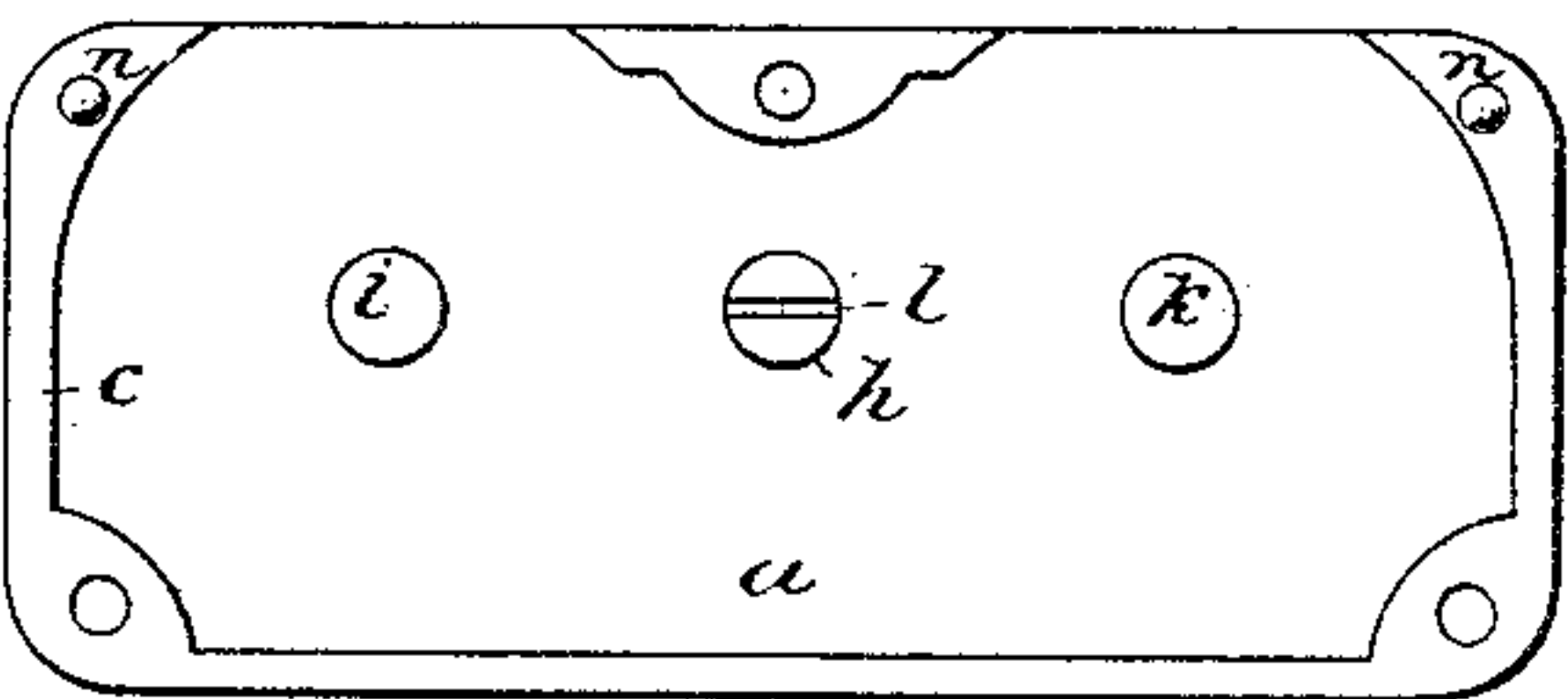
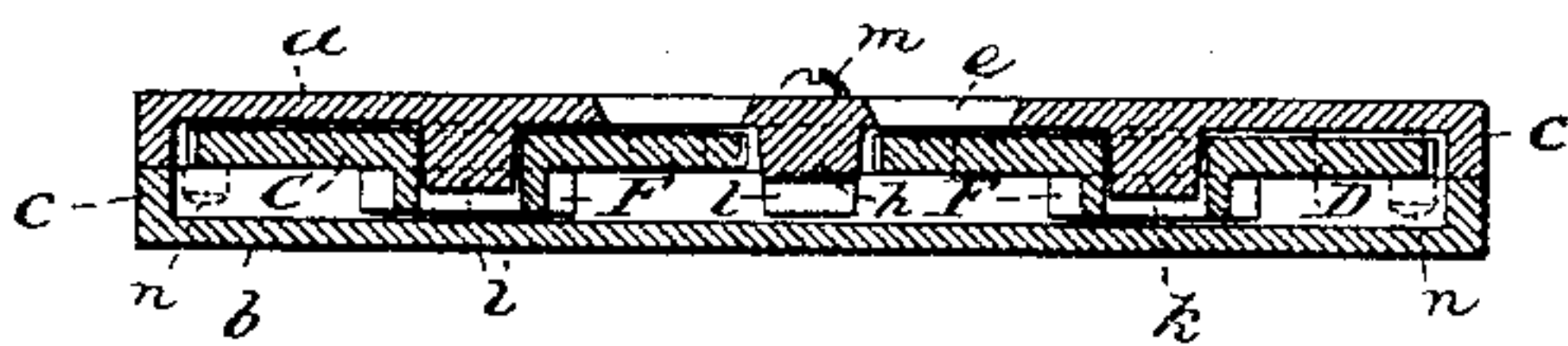


Fig. 4.



WITNESSES:

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WILLIAM B. CARPENTER, OF NEWARK, NEW JERSEY, ASSIGNOR TO THE
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GAME-COUNTER.

SPECIFICATION forming part of Letters Patent No. 350,577, dated October 12, 1886.

Application filed May 17, 1886. Serial No. 202,416. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. CARPENTER, a citizen of the United States, and a resident of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Counters or Indicators, of which the following is a specification.

My invention relates to an improvement in "counters" or devices for indicating the number of points made during the progress of a game, and also for indicating the number of games, the object being to produce a device of this character which shall be simple and inexpensive, of few parts, and which shall present a neat and finished appearance; and with these ends in view my invention consists in certain novel features of construction, as will be hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a plan view of the front face of my improved counter. Fig. 2 is a similar view of the opposite side, with the rear side or portion of the casing removed. Fig. 3 is a similar view with the registering-disks removed, showing the inner surface of the front portion of the casing; and Fig. 4 is a sectional view taken on the line *x x* of Fig. 1.

Referring to the drawings, A represents the casing of the counter, constructed of two sections, *a b*, and formed of celluloid and molded into proper form, each of the sections being provided on its edge with the flange *c*, widened at the points *d* for the reception of screws. The front section, *a*, is provided with two circular openings, *d e*, to expose a number on each of the revolving disks C D, the word "Points" being molded in the celluloid below the opening *d*, and below the opening *e* the word "Games." On the rear side of this section *a* is molded, in one piece with the section, the post *h*, located between the openings *d e* and in line with said post, and between the same and the ends of the section are molded, integral with the case, the posts or bearings *i k*, on which are journaled the two revolving disks C D, the front faces of which, near their outer edges, bear a series of numbers, letters, or figures, as many as are desirable. These letters or numbers are so situated on the disks that when the latter are revolved one of such numbers or letters on each disk will register

with the openings *d e*, formed in the section *a* and exposed thereby. These disks are of such size that when placed in proper position on their bearings a portion of their peripheries will extend out beyond the edge of the casing, the flange *c* being cut away at those points for that purpose. The edges of the disks are milled in order that when it is desired to revolve the same the fingers will not slip thereon.

The post *h* is provided with a slit, *l*, into which is fitted a spring, E, bent into the form shown, the outer ends of which bear on the ratchet-wheels F, formed on the rear faces of the disks C D, the number of the teeth conforming to the numbers of the letters or numbers of the disks. By virtue of the form of the teeth on the ratchet-wheels it will be noticed the disks can be revolved but in one direction, (indicated by the arrows,) and the tension of the spring being such as to prevent the disks from accidentally turning. At the two lower corners are located the screws *m*, which are passed through the section *a* into the section *b*, and one at the upper edge about midway between the ends, which serve to hold the two sections together. To aid in keeping the sections in their proper relative positions, I form on the two upper corners of the section *a* the small pins or projections *n*, adapted to fit in the holes or recesses formed at the corresponding corners of the section *b*.

In use, in order to keep score of the points of the games or the number of games, it is simply necessary to place the finger on the milled edge of the respective disk which extends out beyond the casing and slightly turn it until the number of the disk corresponding to the number of points or games to be indicated registers with the opening *d* or *e*, the end of the spring riding over one tooth on the ratchet at every exposure of a number and holding the disk in the proper position.

It will now be seen from the above that my improved counter is very economical, and, being constructed throughout of celluloid, with the exception of the spring and screws, is very neat and finished in appearance; further, that by forming the article of celluloid or similar pyroxyline compound I am enabled to construct it of few parts, the bearings for the spring and disks being molded integral with

the casing, and thereby rendering it capable of being manufactured at a small cost.

What I claim as my invention, and desire to secure by Letters Patent, is—

- 5 1. A counter or indicator constructed with a sectional casing formed with two openings, of two ratchet-disks inclosed within said sectional casing, of three posts or bearings formed integral with one of the sections of the casing.
10 on two of which bearings are mounted said disks, and a spring mounted on the other of said bearings, the two ends of which spring engage with said disks, substantially as set forth.
2. A counter consisting of the casing A, con-
15 structed in two sections, *a b*, the said section

a being provided with the openings *d e*, and formed with the bearings *h i k*, the disks C D, formed with the ratchets, and the spring E, the above parts being constructed and arranged to operate in the manner and for the 20 purpose set forth.

Signed at New York, in the county of New York and State of New York, this 10th day of May, A. D. 1886.

WILLIAM B. CARPENTER.

Witnesses:

GEORGE COOK,
HERMAN GUSTOW.