

C. O. WELLNITZ.

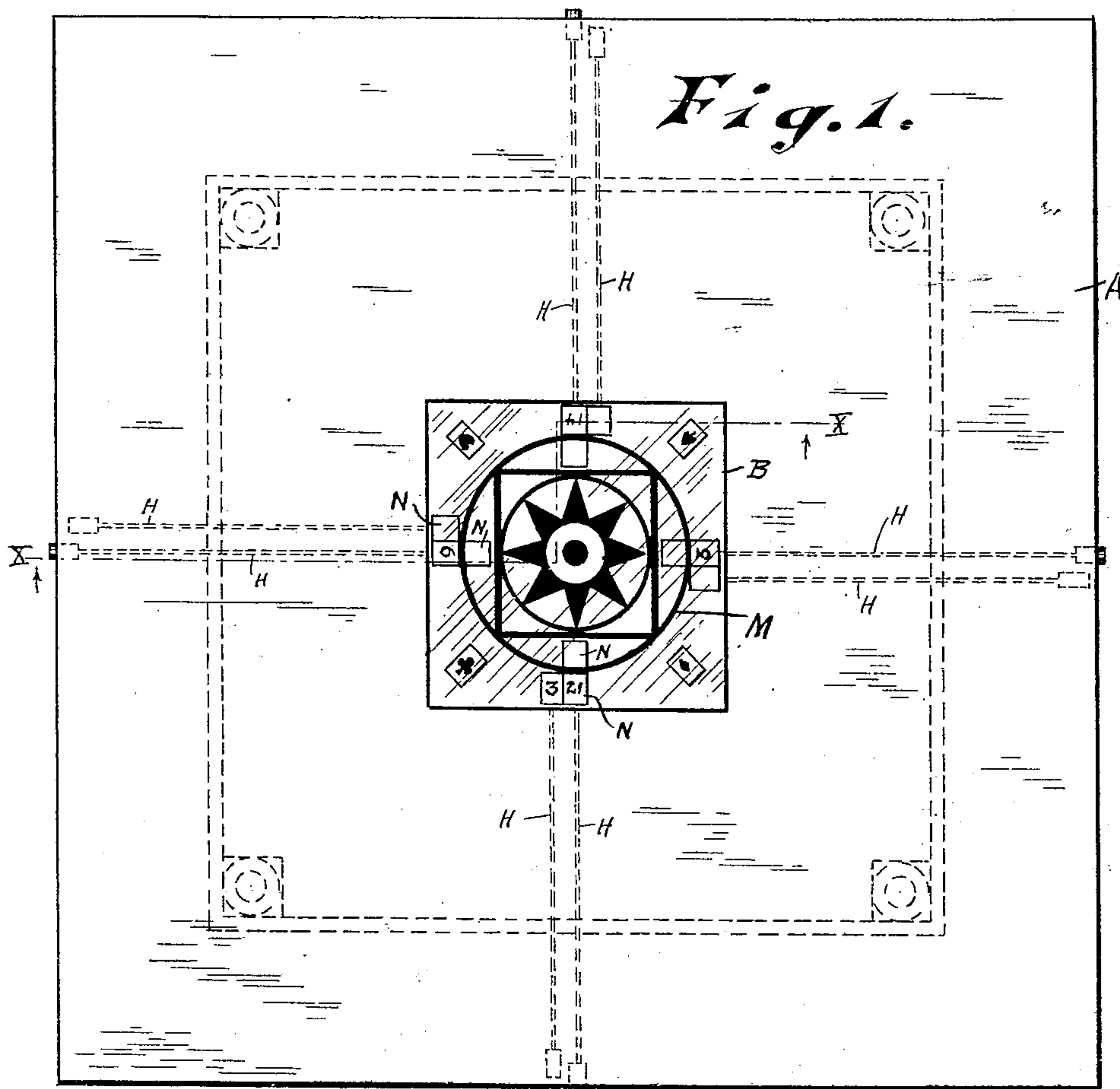
SCORE KEEPER.

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899,819.

Patented Sept. 29, 1908.

2 SHEETS—SHEET 1.



WITNESSES:

*O. R. Erwin*  
*J. D. Bremer*

INVENTOR

*Charles O. Wellnitz*  
*By Erwin & Wheeler*  
ATTORNEYS

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2 SHEETS—SHEET 2.

Fig. 2.

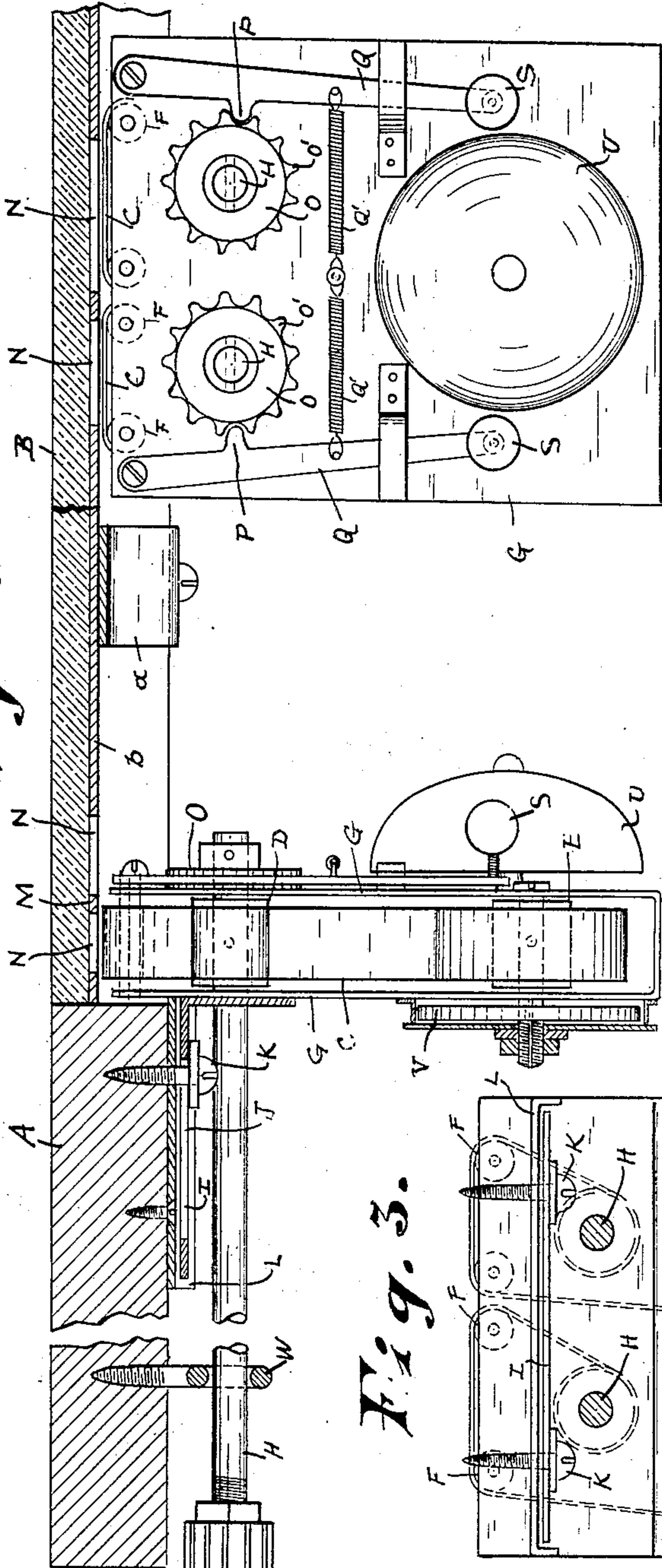
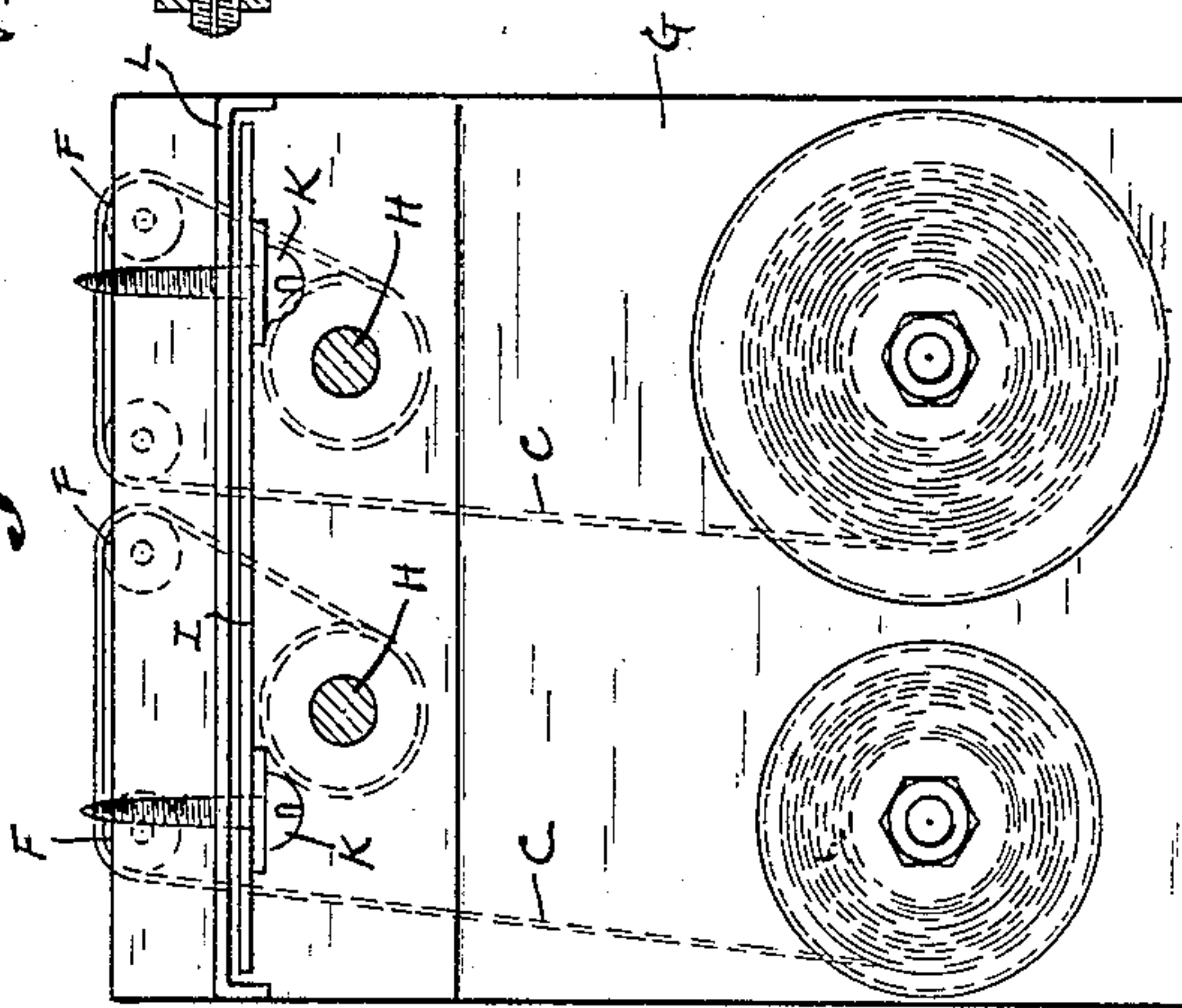


Fig. 3.



WITNESSES:

O. R. Erwin  
J. D. Bremer.

INVENTOR

Charles O. Wellnitz  
By E. W. Smith & Schuler  
ATTORNEYS.



# UNITED STATES PATENT OFFICE.

CHARLES O. WELLNITZ, OF MILWAUKEE, WISCONSIN.

## SCORE-KEEPER.

No. 899,819.

Specification of Letters Patent.

Patented Sept. 29, 1908.

Application filed June 1, 1908. Serial No. 435,877.

*To all whom it may concern:*

Be it known that I, CHARLES O. WELLNITZ, a citizen of the United States, residing at Milwaukee, county of Milwaukee, and State of Wisconsin, have invented new and useful Improvements in Score-Keepers, of which the following is a specification.

My invention relates to improvements in score keepers.

10 The object of my invention is to provide a score keeping attachment for a card table, which may be permanently secured to the table and which may be operated by one or more players from a point beneath the  
15 table, but in which the other players will be duly advised by signal or otherwise of any change in the score indicated.

In the following description, reference is had to the accompanying drawings in  
20 which,—

Figure 1 is a plan view of a card table, to which my invention is applied. Fig. 2 is a sectional view of the smaller portion set off by line  $x-x$  of Fig. 1. Fig. 3 is a detail  
25 view of the indicator frame as seen from the inner face.

Like parts are identified by the same reference characters throughout the several views.

30 An opening is made in the central portion of the table top A and filled by a piece of glass B, which is supported by frame members  $a$  from the top boards, with a felt pad  $b$  between the frame and the glass. Each  
35 indicator comprises a set of tapes C, arranged to travel over or wind upon the upper and lower spools D and E respectively, guide rollers F being preferably employed to hold a portion of the tape in a horizontal position  
40 of exposure under the glass top B. The axial supports of the spools D and E and rollers F are journaled in the frame plates G, and these in turn are supported by the spool operating rods H and a sliding plate I,  
45 which is provided with slots J through which screws or headed pins K pass and thus loosely connect this plate with the table top or with plates L rigidly connected therewith. The heads of the screws or pins K engage the  
50 under surface of the plate I and permit it to move inwardly and outwardly to expose the tape C, either exterior to or within a circle M described upon the glass B, the pad  $b$  of felt or other suitable material being pro-  
55 vided with openings N, so that the tapes

may be read through the glass. When the spools are exterior to the circle M, they are revolved in one direction from left to right for plus scores and in the opposite direction for set backs, and when within the circle and  
60 are revolved from left to right a minus score is indicated.

The spool operating rods H are each provided with a star wheel member O, provided with peripheral projections O', each of which  
65 must pass and actuate a projection P on the spring actuated lever Q, when the tape is actuated in either direction to expose a succeeding number. When the lever Q is thus  
70 actuated, the reaction of the spring Q' causes it to retract quickly and a clapper S mounted upon the resilient lever Q is thereby thrown against a bell U which thus gives a signal  
75 announcing that a new score is being indicated. This lever Q is mounted upon the frame plates G and moves with them inwardly, or outwardly. The rods H extend  
outwardly to a point near the table margin, staples W being preferably employed to provide a sliding bearing for their outer  
80 ends. It is not material to my invention whether they all extend toward one margin, or one toward each margin, to enable each player to keep his own score.

A set of tapes is preferably used for each  
85 player, the spools being arranged parallel to each other so that the exposed figures on the tapes may be read as one number. The glass top of the part B may be on a level  
90 with the table top or raised above it, as desired. The tapes carry consecutive numbers or characters, and the lower spool E is preferably spring actuated to rewind the tape in cases where it is wound upon the  
95 spool. V are the rewinding springs. The star wheel members O and projections P prevent rewinding except when the operating rods H are manually actuated.

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

1. A table provided with an opening having a transparent covering, a movable carrier underneath said covering, provided with tape supporting members, a tape mounted  
105 on said supports, a tape actuating rod, and a signal, operatively connected with the rod, said tape being provided with indicating characters, adapted to be exposed underneath said transparent covering.



2. A table provided with an opening having a transparent covering, a movable carrier underneath said covering, provided with tape supporting members, a tape mounted  
 5 on said supports, a tape actuating rod, and a signal, operatively connected with the rod, said tape being provided with indicating characters, adapted to be exposed under-  
 10 neath said transparent covering and said transparent covering being subdivided into an inner and outer portion, both within the range of the carrier adjustment.

3. A table provided with an opening having a transparent covering, a movable carrier underneath said covering, provided with  
 15 tape supporting members, a tape mounted on said supports, a tape actuating rod, and a signal, operatively connected with the rod, said tape being provided with indicating  
 20 characters, adapted to be exposed under- neath said transparent covering and said transparent covering being subdivided into an inner and outer portion, both within the range of the carrier adjustment, together  
 25 with means, connected with the table for yieldingly resisting tape movement in either direction, and a signal connected with said resisting means.

4. A table provided with an inwardly and  
 30 outwardly movable tape supporting carrier suspended beneath its top and having the top provided with openings covered by transparent material exposing the winding spools journaled in said carrier, a tape op-  
 35 eratively mounted on said spools and provided with indicating characters, an operating rod for actuating one spool, a rewinding spring for actuating the other spool, a member on said rod provided with projec-  
 40 tions, a lever adapted to be actuated by the projections when the rod is rotated and to hold the same normally against the tension

of the rewinding spring and a signal in op-  
 erative relation to said lever.

5. A table provided with an opening, a  
 45 glass plate mounted in the opening and provided with a dividing line, a tape carrier movably mounted below the glass plate, tapes adjustably supported on the carrier, means for adjusting the carrier to expose the  
 50 tapes either within or beyond said dividing line, and signaling devices for indicating the tape movement.

6. A table provided with an opening, a  
 55 glass plate mounted in the opening and provided with a dividing line, a tape carrier movably mounted below the glass plate, tapes adjustably supported on the carrier, means for adjusting the carrier to expose the  
 60 tapes either within or beyond said dividing line, and signaling devices for indicating the tape movement, together with a pad of opaque material applied to the under sur-  
 face of said glass plate and provided with suitable openings for the exposure of the  
 65 tape.

7. A table provided with an opening, a  
 glass plate mounted in the opening and pro-  
 70 vided with a dividing line, a tape carrier movably mounted below the glass plate, tapes adjustably supported on the carrier, means for adjusting the carrier to expose the  
 tapes either within or beyond said dividing line, and signaling devices for indicating the  
 tape movement, together with a guide plate  
 75 connected with the carrier and movably connected with the table top.

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

CHARLES O. WELLNITZ.

Witnesses:

LEVERETT C. WHEELER,  
 O. R. ERWIN.