

June 19, 1923.

1,459,341

P. C. OSCANYAN

SCORE OR BULLETIN BOARD

Original Filed Sept. 27, 1921

2 Sheets-Sheet 1

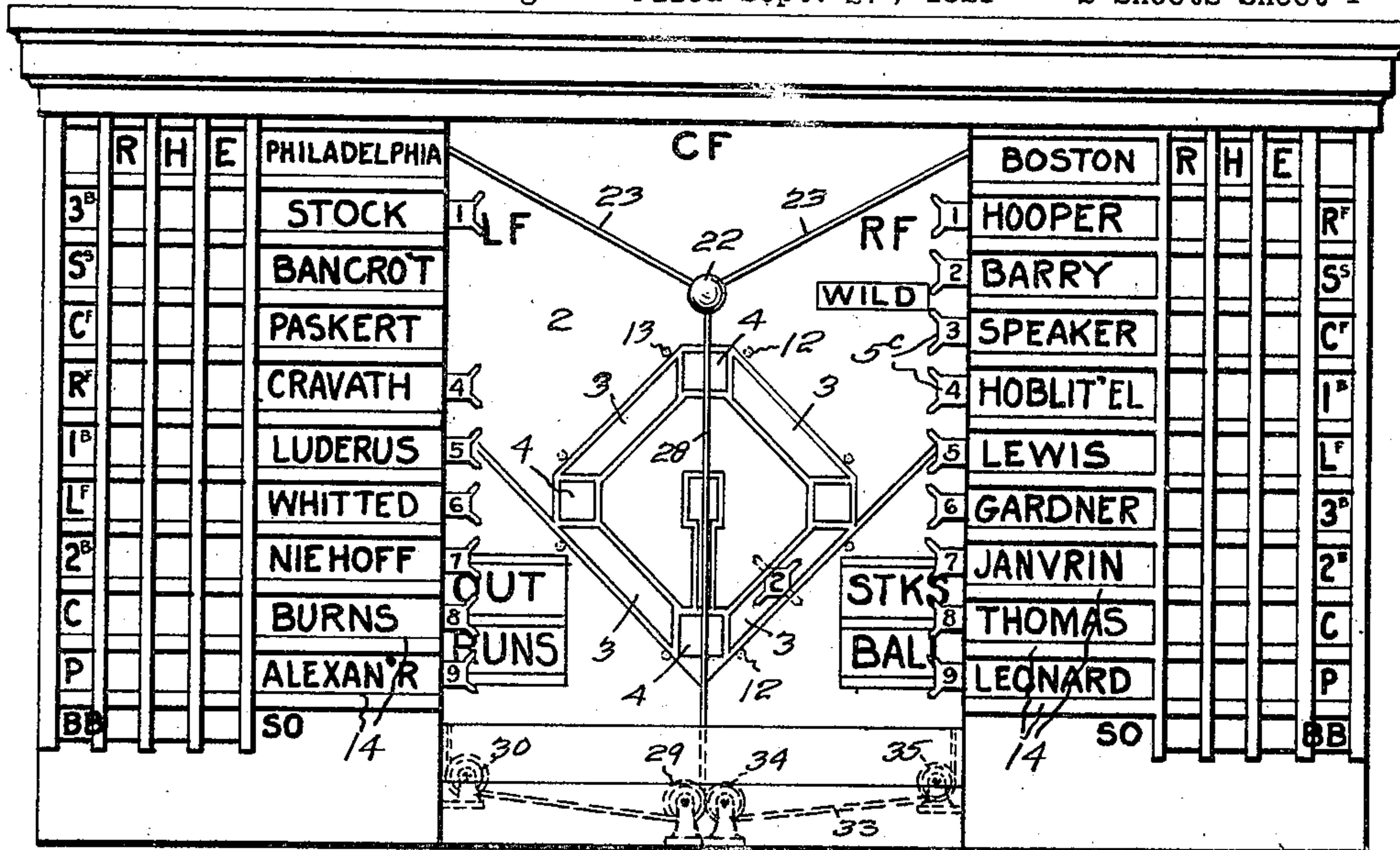


FIG. 1-

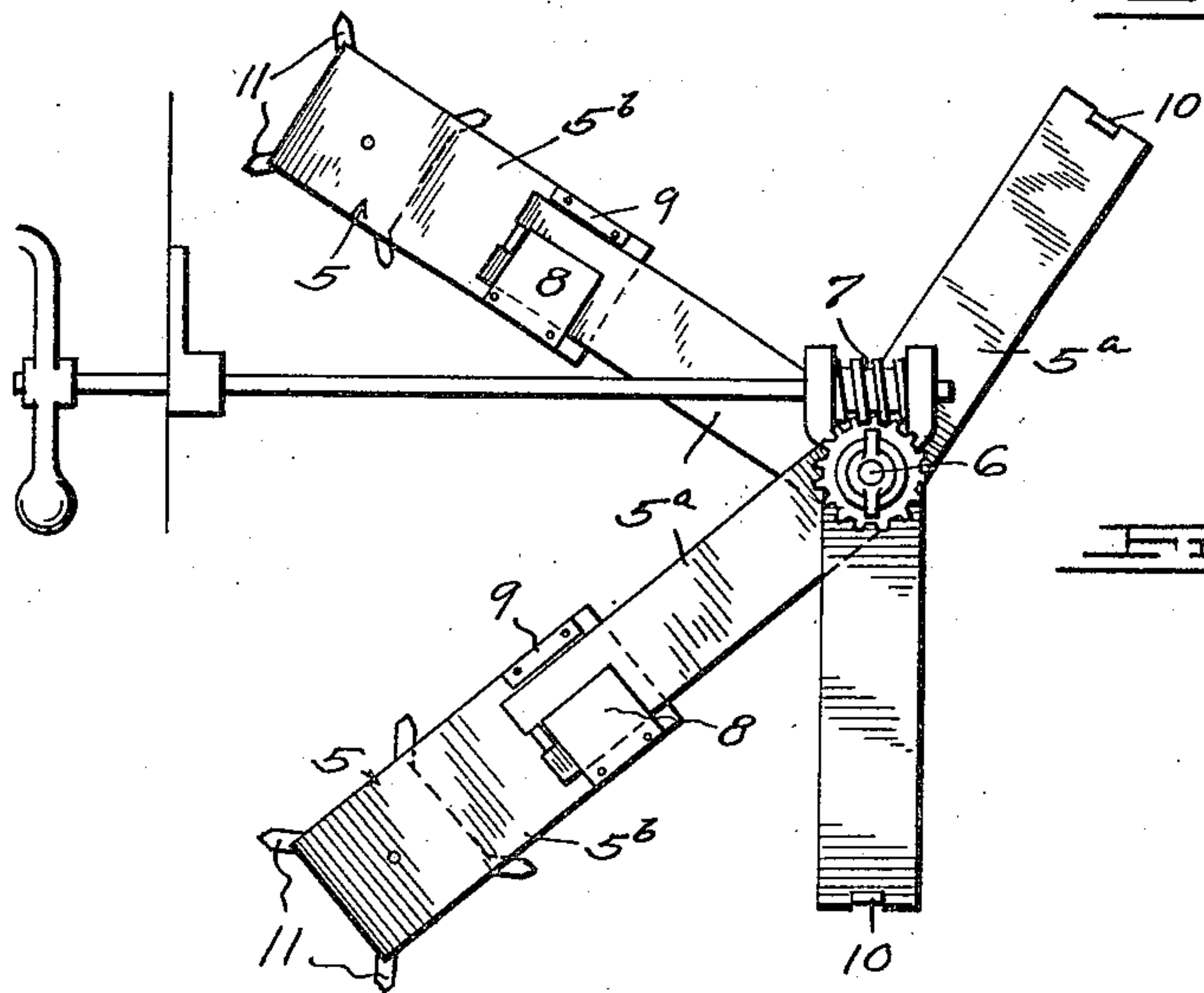


FIG. 2-

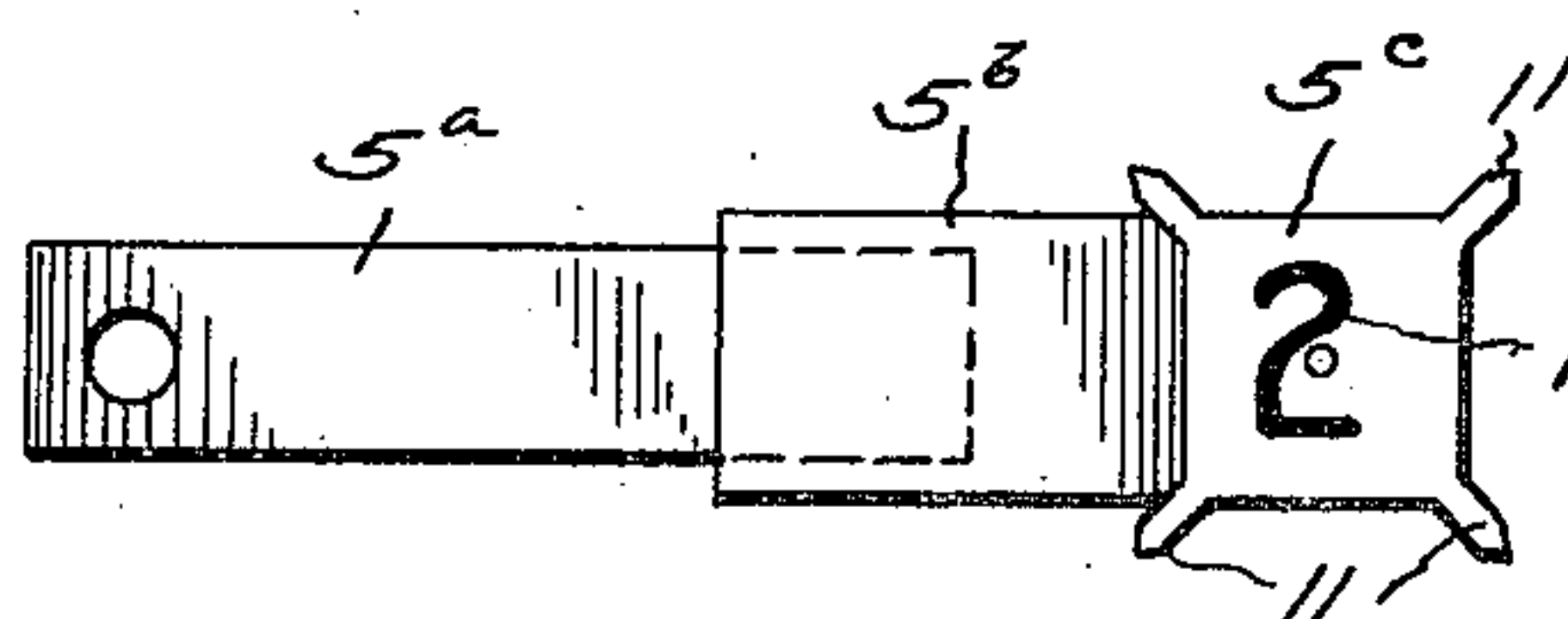


FIG. 3-

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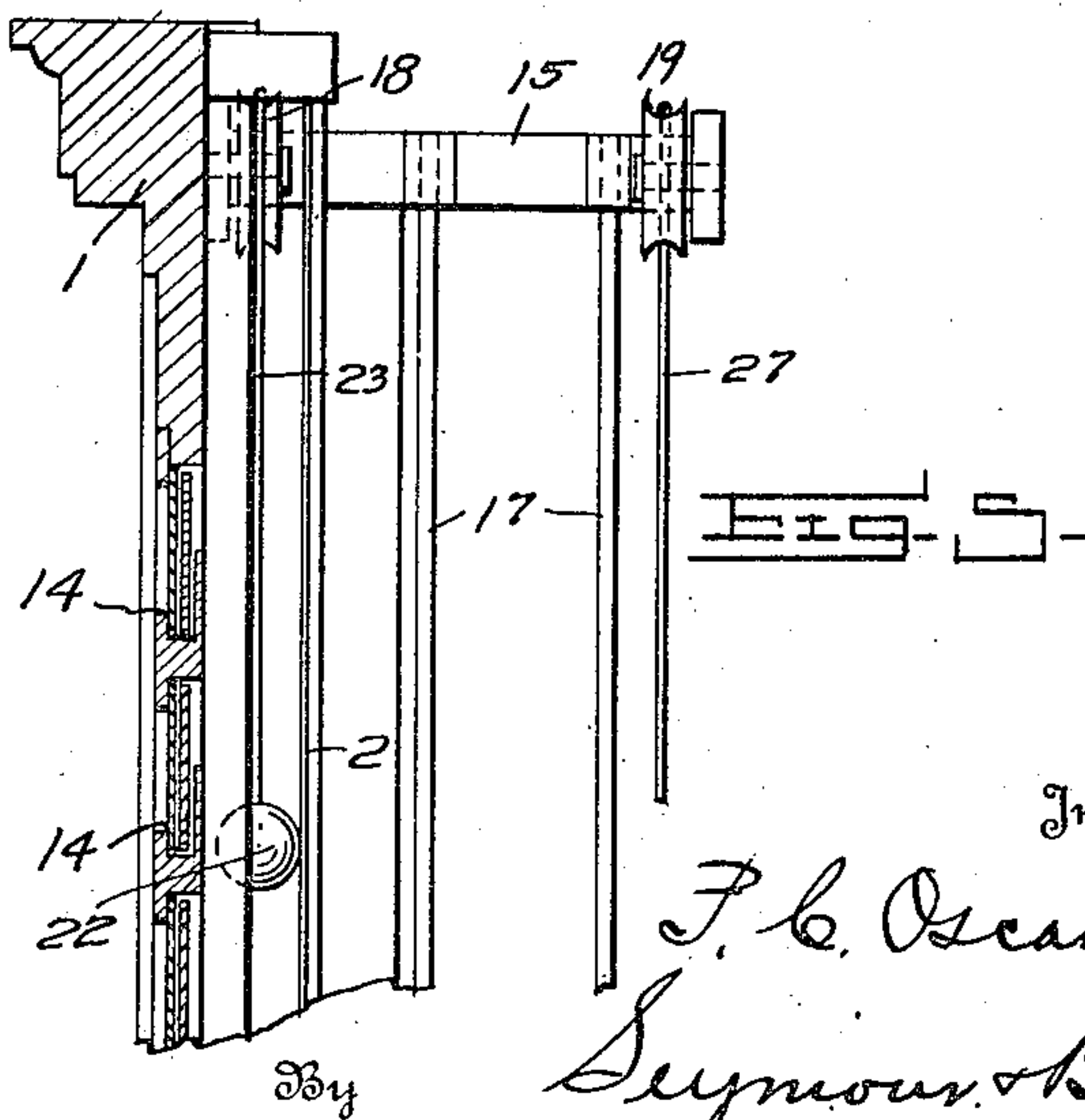
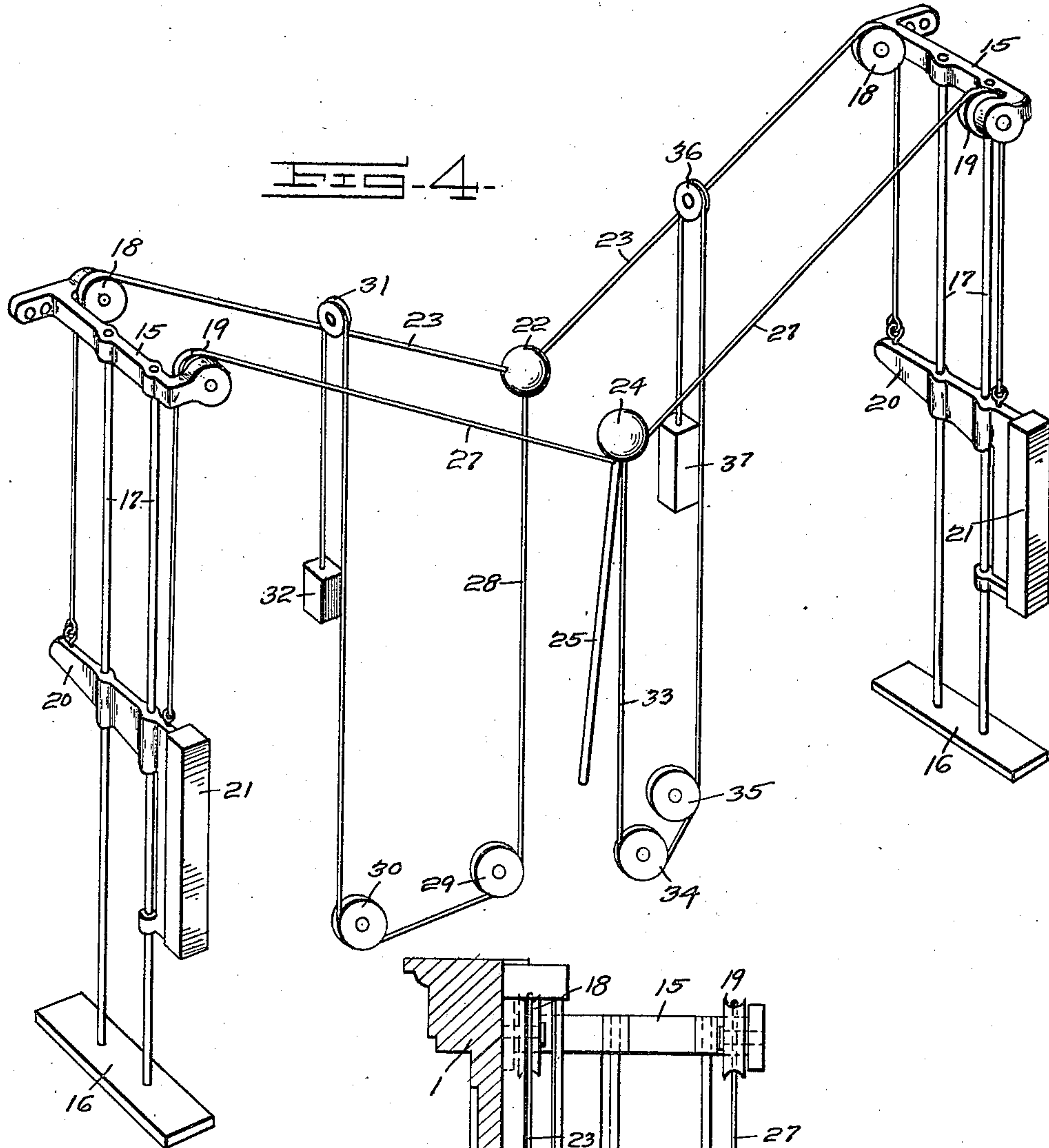
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UNITED STATES PATENT OFFICE.

PAUL C. OSCANYAN, OF BOGOTA, NEW JERSEY, ASSIGNOR TO STAR BALL PLAYER COMPANY, OF NEW YORK, N. Y.

SCORE OR BULLETIN BOARD.

Application filed September 27, 1921, Serial No. 503,498. Renewed October 19, 1922. Serial No. 595,679.

To all whom it may concern:

Be it known that I, PAUL C. OSCANYAN, a citizen of the United States, and a resident of Bogota, in the county of Bergen and State of New Jersey, have invented certain new and useful Improvements in Score or Bulletin Boards; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in score or bulletin boards and more particularly to such as are adapted for use to represent the plays of a game of base ball,—my present invention being designed as improvements upon the construction disclosed in Patent No. 1,321,940 granted to me on the 18th day of November 1919.

One object of my present invention is to improve the construction of the runner members, so that portions of the same containing player designations may be easily applied to the movable parts of said members and to so construct the devices that the parts which carry the player designations shall be revolvably mounted whereby they may be turned step-by-step as the runner advances from base to base and always present the player designation or number in a proper horizontal position at the bases and thus permit the spectators readily and accurately to read the same.

A further object is to simplify and improve the ball control devices; to cheapen the cost of construction of the same, and to render the accurate assembling of said ball control devices by the user, easy and certain.

With these and other objects in view, the invention consists in certain novel features of construction and combinations of parts as hereinafter set forth and pointed out in the claims.

In the accompanying drawings, Figure 1 is a front view of a bulletin board embodying my improvements. Figure 2 is a view showing several runner members and operating means therefor. Figure 3 is a front view of one of the runner members with the parts assembled in their operative positions, and Figure 4 is a view illustrating the ball control devices, and Figure 5 is a sectional view showing the name card racks.

A suitable framework is represented at 1 and provided with a central portion 2 representing a base ball field.

The diamond of the field is formed by providing elongated openings 3 representing the runways between bases, and the bases are represented at 4.

A plurality of runner members 5 may be employed and these radiate from a central shaft 6. Manually operable mechanism, such as shown at 7 may be employed for operating the runner members as fully explained and illustrated in my former patent hereinbefore identified.

Each runner member 5 comprises three parts 5^a, 5^b and 5^c. The part 5^a is connected with the operating mechanism and the part 5^b carrying the part 5^c is demountably connected with the part 5^a. The several parts of a runner member are preferably made of metal and the part 5^b is provided with a guide wing 8 to overlie the arm or part 5^a and with a guide flange 9 to engage the latter. The arm or part 5^a may be provided at its free end with a lug 10 to be engaged by the wing 8 for limiting outward movement of the runner member part 5^b. The part 5^c of each runner member may be made rectangular and is pivotally connected at its center with the forward end portion of the part 5^b,—said part 5^c being provided at its several corners with outwardly projecting fingers 11. At respective sides of each of the bases and outside of the diamond, fixed pins 12 are located.

From the construction and arrangement of parts as above described, it will be seen that as a runner member advances and approaches one of the bases, one finger of the part 5^c will engage one of the fixed pins 12 and turn said part 5^c so that the number or player designation 13 thereon will become so disposed when the base shall have been reached that it will be in a horizontal position easily to be read by the audience. As a runner member advances the part 5^c will again be turned by engagement with a fixed pin 12 and as it approaches the next base it will be again turned in a similar manner so that when the runner member reaches this base, the player designation will have become disposed in position to be easily read by the spectators and so on until the circuit of bases shall have been completed.

The demountable portions of each runner member (consisting of the parts 5^b and 5^c) are intended to be placed in racks 14 pro-

vided on the board for name cards of players and which racks are accessible from the back of the board but support the name card in such manner as to be visible by the spectators. In placing the demountable parts of the runner members in the racks 14, the part 5^b will be located behind a player name card and the part 5^c containing a number designating a particular player will be left exposed so that it may be seen by the audience.

To provide simple and efficient means to represent the movements of the ball, the devices now to be described may be employed: At respective side portions of the board, upper and lower cross-bars 15—16 are located and spaced apart one above the other. Said cross-bars being located at right angles to the face of the board and connected by vertical guide-rods 17. Each cross-bar carries at its respective ends, pulleys 18—19 and the vertical rods 17 serve as guides for arms 20 which are made rigid with weights 21,—each of said weights being also guided by one of the vertical rods of each pair.

The ball member 22 which is exposed to the view of the audience has connected thereto, two cords 23—23 which extend in opposite directions from said ball member and after passing over the respective pulleys 18—18 are extended downwardly and connected with the free end portions of the respective weight arms 20—20. The ball control member 24 which is located at the back of the board is provided with a control stick 25 and said control ball or the stick 25 has connected therewith two cords 27—27 which extend therefrom in opposite directions and after passing over the respective pulleys 19—19, extend downwardly and are connected with the weights 21. Secured to the ball member 22 is a tension cord 28 which extends downwardly from said ball member and after passing about pulleys 29, 30 and 31, is provided at its depending end with a comparatively light weight 32. A tension cord 33 is also connected with the ball controlling member 24 or its stick 25 and after passing about pulleys 34, 35 and 36; its depending end has a weight 37 (somewhat larger than the weight 32) attached thereto.

It is apparent that by manually moving the ball control member 24, the ball member 22 will be correspondingly moved and thus the movements of the ball on the field may be accurately represented.

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

1. A runner member for a score board comprising a part mounted on the board, to be moved, a member demountably connected with said first mentioned member,

and a member mounted to turn on the demountable member.

2. A runner member for a score board comprising a part mounted on the board, to be moved, a member demountably connected with said first mentioned member, a member mounted to turn on the demountable member, and a designation on the revoluble member representing a particular player.

3. The combination with a score board having a base ball diamond indicated thereon, and fixed pins located at respective sides of each of the bases and outside of the diamond, of a runner member comprising an arm or part mounted on the board, to be turned, a demountable member removably connected with said arm or member, and a member mounted on said demountable member to turn, the revoluble member having a player designation thereon and provided with a plurality of fingers to engage said fixed pins whereby the revoluble member will be turned step-by-step as the runner member advances.

4. The combination with a score board adapted to contain the name cards of players and provided with a representation of a base ball diamond, of a runner member comprising an arm or part mounted on the board, to turn, a demountable part carrying a revoluble part having a player designation thereon, means on the board for causing said revoluble part to turn as a runner member approaches a base, and means on the board for supporting the demountable runner member parts behind said name cards with the parts containing the runner designations exposed to the spectators.

5. The combination with a game board representing a base ball field, of cross bars near each side portion of the board and spaced apart one above another, vertical guide rods connecting the superimposed cross bars of the respective pairs, a ball member in front of the board, a ball control member behind the board, pulleys at respective ends of each cross-bar, a weight at each side portion of the board, each weight provided with an arm guided by the vertical rods, cords attached to said ball member and extending in opposite directions therefrom, said cords passing over pulleys of the respective upper cross bars, the free end of said cords attached to the weight arms, cords attached to the ball control member and extending in opposite directions therefrom and over pulleys on the upper cross bars, said last mentioned cords extending downwardly from said last mentioned pulleys and connected with said weights, and means whereby said control ball member may be moved manually to effect movements of the ball member.

6. In a bulletin board, the combination of a ball member, a control member, a plurality of cross-head counterweights, and cords connecting said ball member and control member with said counterweights, whereby the movements of the ball member will be controlled by vertical movement of the cross-head counterweights.

7. In a bulletin board, the combination of a ball member having a plurality of angularly disposed flexible supports, a control member having a plurality of angularly disposed flexible supports, and two counterweights, each having flexible supports for both the ball member and control member connected therewith.

8. The combination of a score board representing a baseball field and having openings between bases, a plurality of radial runner members movable behind the board, each including an active part to be visible through said openings by the spectators, the active part of each runner member being removable at the back of the board, whereby it may be excluded from view of the operator as well as the spectators.

9. The combination with a score board having openings representing bases, of a runner member movable past said bases, each runner member including a loosely mounted member having a designation there-

on denoting a particular player, and means whereby the member having the designation thereon will be caused to assume a position to dispose said designation in a vertical position at each of the bases.

10. In a score board, the combination with a ball member and a control member, of means for supporting said members, said means comprising vertically movable weights and flexible devices connected with said ball and control members and connected directly with the respective vertically movable weights, and means over which said flexible devices pass.

11. In a score board, the combination with a ball member and a control member, of means for supporting said members, said means comprising vertically movable weights and flexible devices connected with said ball and control members and connected directly with the respective vertically movable weights, means over which said flexible devices pass, and guiding means for said vertically movable weights.

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

PAUL C. OSCANYAN.

Witnesses:

LEO C. BAUM,
P. J. BURKE.