

No. 713,232.

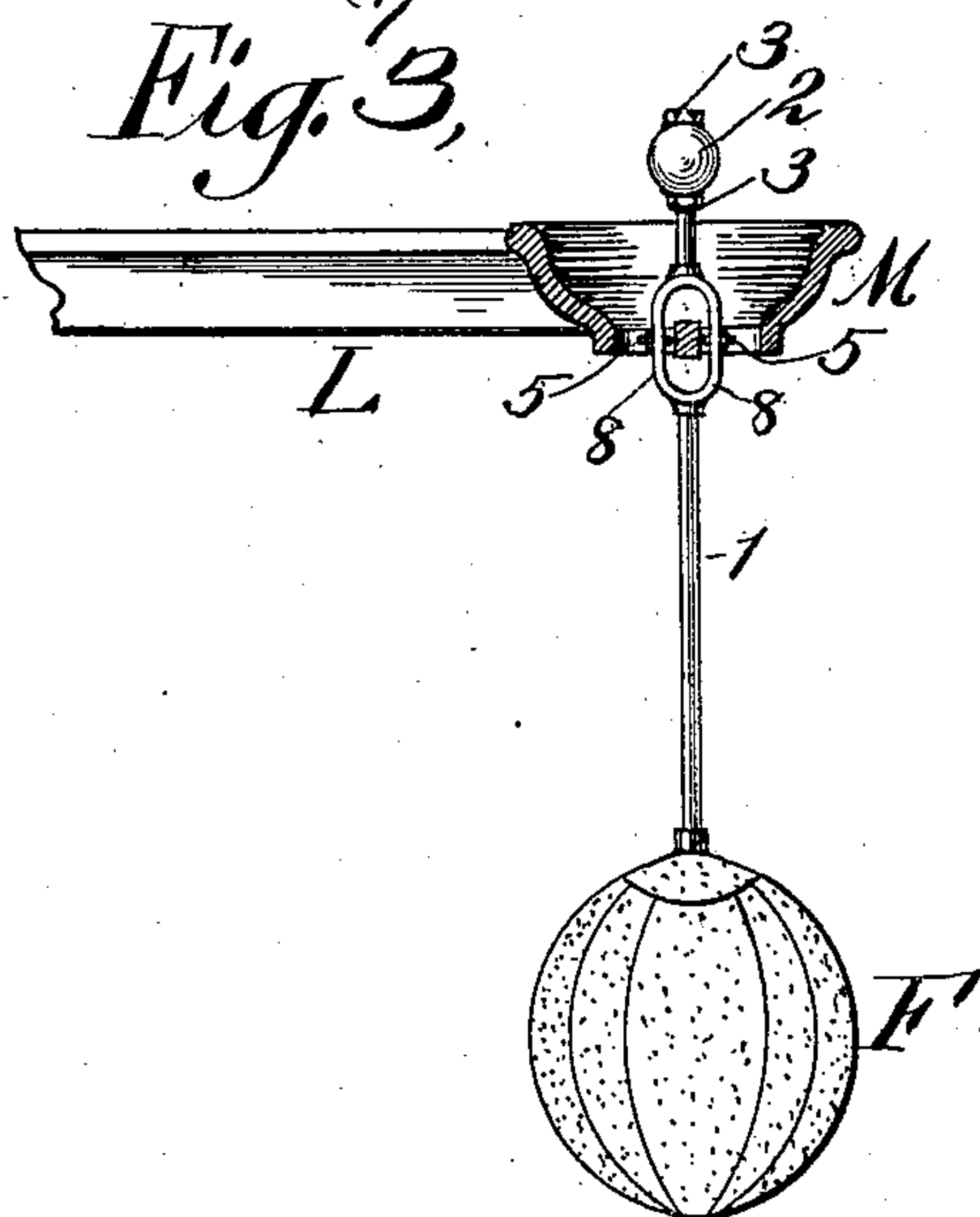
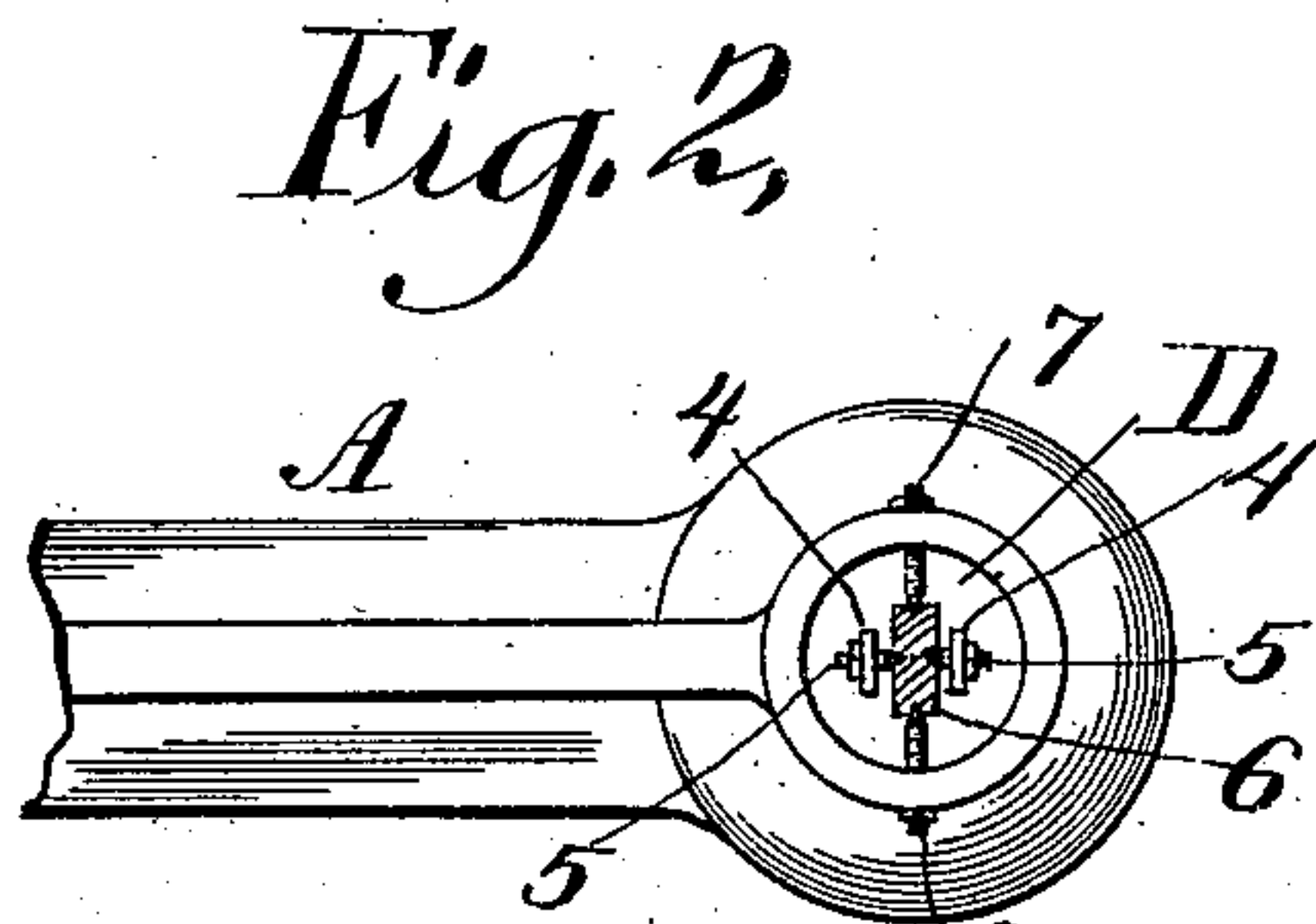
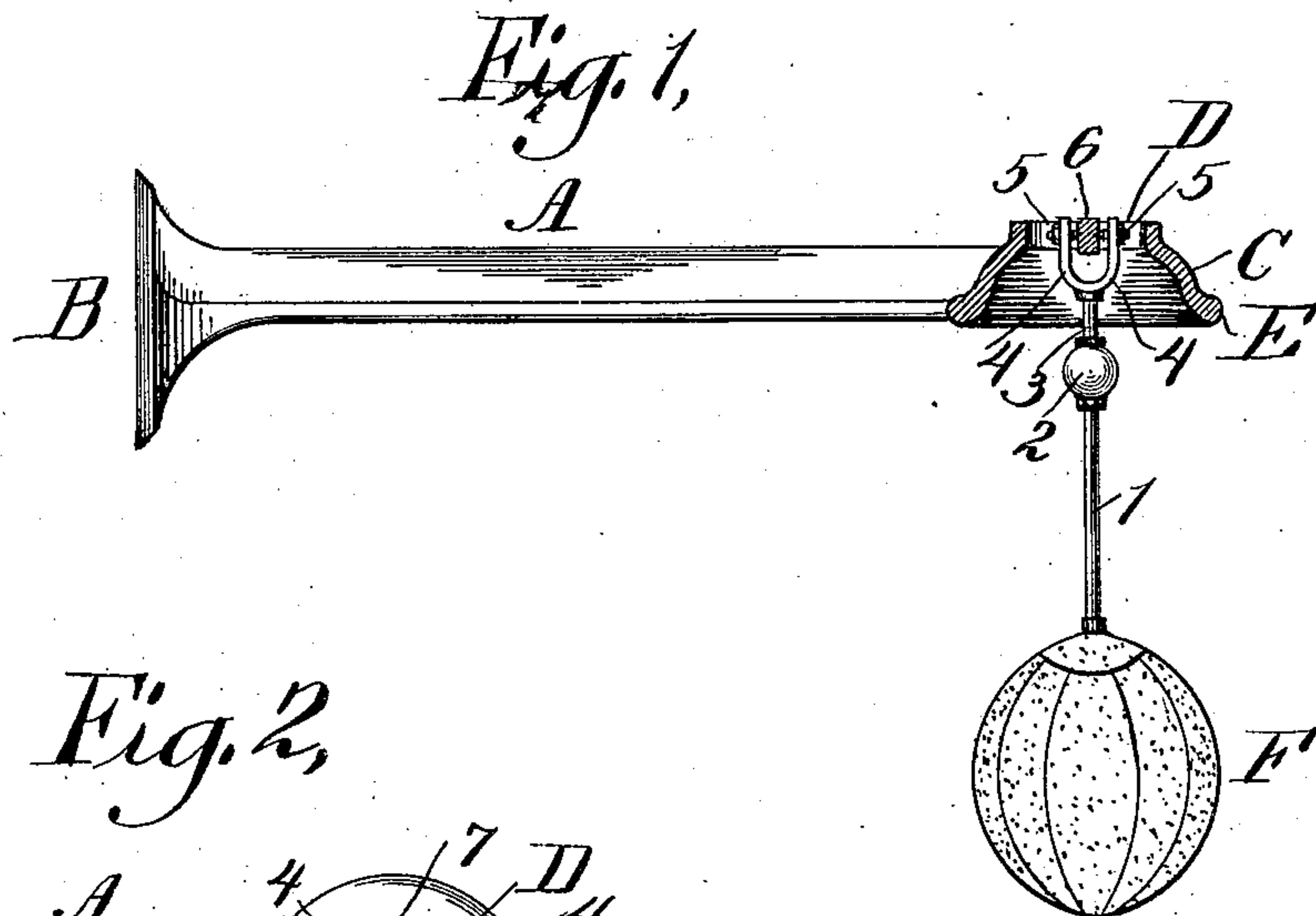
Patented Nov. 11, 1902.

G. S. MAXWELL.

SUPPORTING DEVICE FOR PUNCHING BAGS.

(Application filed May 25, 1901.)

(No Model.)



WITNESSES:

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# UNITED STATES PATENT OFFICE.

GEORGE S. MAXWELL, OF MADISON, NEW JERSEY, ASSIGNOR OF ONE-HALF  
TO HENRY DURELL CRIPPEN, OF NEW YORK, N. Y.

## SUPPORTING DEVICE FOR PUNCHING-BAGS.

SPECIFICATION forming part of Letters Patent No. 713,232, dated November 11, 1902.

Application filed May 25, 1901. Serial No. 61,831. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE S. MAXWELL, residing at Madison, in the county of Morris and State of New Jersey, have invented certain new and useful Improvements in Supporting Devices for Punching-Bags; of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in the manner of supporting punching-bags; and it consists in a simple, compact, and efficient construction for supporting the bag-rod within the supporting-bracket, whereby the number of parts is lessened, ease of installation is increased, and economy in space required is attained.

My invention further consists in certain details of construction and combinations of elements fully set forth in the following description and claims and illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation, partially in section, of a bracket, punching-bag, and supporting-rod therefor, showing the means for supporting the rod within the end of the bracket. Fig. 2 is a top plan, on an enlarged scale, of the same, the end of the bracket being broken away. Fig. 3 is a view, partially in section and partially in elevation, showing the device as applied to a different style of bracket.

Similar characters refer to similar parts throughout the several views.

A is a bracket having a plate B, by which it can be attached to a wall or other desired place. At the end of the said bracket is a dome C, having at the upper end thereof a circular aperture D and having the edge of its rim shaped so as to present an annular rebounding-surface E. The bag F is supported by rod 1. An adjustable buffer 2 surrounds said rod and is adjustably held in position thereon by lock-nuts 3 3. This buffer is placed in position to contact with the rebounding-surface E in order to regulate the return of the bag after being struck, as will be readily apparent. As shown in Figs. 1 and 2, rod 1 is at its upper end forked or divided into two branches 4 4, through the sides of

which branches 4 pass alined pivot pins or screws 5 5, which pivotally engage the bar 6, which passes through the fork in the rod 1 and the ends of which are pivotally engaged by pivot pins or screws 7 7 in the top of dome C. It will be readily seen that this construction provides a universal support for the punching-bag, so that it may be free to swing in any desired direction.

In Fig. 3 is shown a bracket L, wherein the dome M opens inwardly, and the adjustable buffer is on the end of the rod, the pivotal point being intermediate of its length. In this construction the forked part of the rod consists of a closed loop having two side members 8 8 and having the adjustable buffer 2 at the end of the rod 1, which is continued above said loop. In other respects the construction shown in Fig. 3 is similar to that in the first two figures. The bar 6, which is pivotally held by pins in the bracket, passes through the loop in the rod and furnishes a pivotal bearing for the pins 5 5. It will be apparent that in both constructions the fork or loop portion may be integral with or detachably connected with the rod portion or portions.

The operation of the invention will be apparent from the foregoing description, and the advantages consist in the small number of parts, which result in the device being easy to install and not likely to get out of order and which result, furthermore, in my being able to limit the size of the castings used therewith. This is of great importance, inasmuch as my invention is especially designed to be used in places where space is restricted, and a universal joint, such as I have described, which gives perfect freedom of movement for the bag in all directions without necessitating a number of parts difficult to install and requiring a comparatively large amount of room is, of great importance, as will be clearly apparent.

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

1. In combination, a punching-bag, a supporting-rod therefor, said rod being divided to form a two-armed loop, a bar within such loop, alined pivot-pins passing through said



loop-arms and engaging said bar, a supporting-bracket, and alined pivot-pins in said bracket engaging said bar in a line at right angles to said first-mentioned pins.

5 2. In combination, in a device for supporting a punching-bag, a rod 1 having branch or loop members 8 8 therein, pivot-pins 5 5 in said loop members engaging the sides of bar 6, a supporting-bracket, and pivot-pins in  
10 said bracket engaging the ends of said bar.

3. In a supporting device for punching-bags, in combination, a rod having a portion of the length thereof divided to form two

arms, a joint member between said arms and pivoted thereto, a supporting-bracket, and 15 alined pivot-pins in said bracket engaging said joint member in a line at right angles to the pivotal line thereof whereby universal movement of said rod is secured.

In testimony whereof I affix my signature 20 in the presence of two witnesses.

GEORGE S. MAXWELL.

Witnesses:

H. M. SEAMANS,

I. V. SCOTT.