

No. 710,112.

Patented Sept. 30, 1902.

G. S. MAXWELL.

SUPPORTING DEVICE FOR PUNCHING BAGS.

(Application filed May 14, 1901.)

(No Model.)

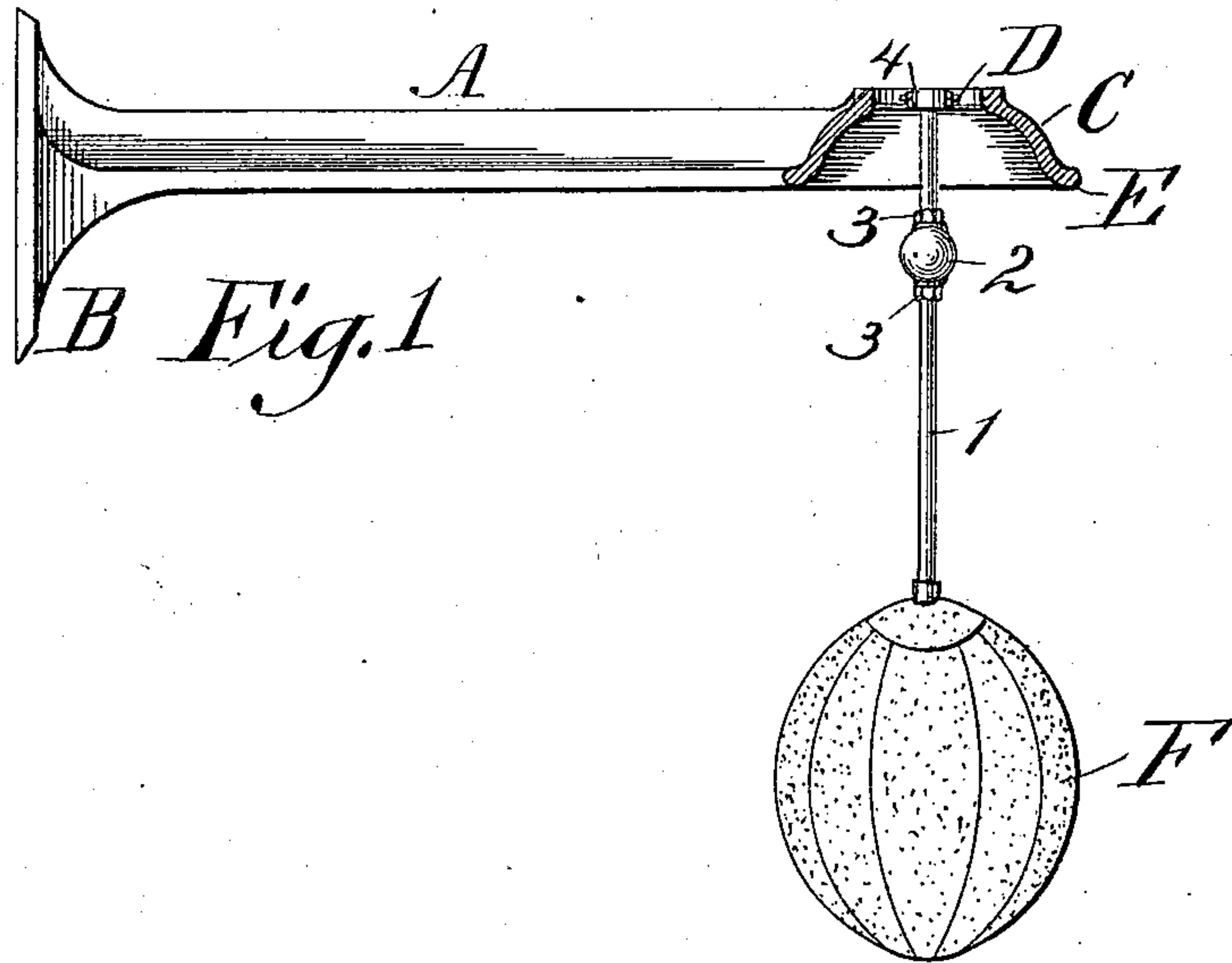
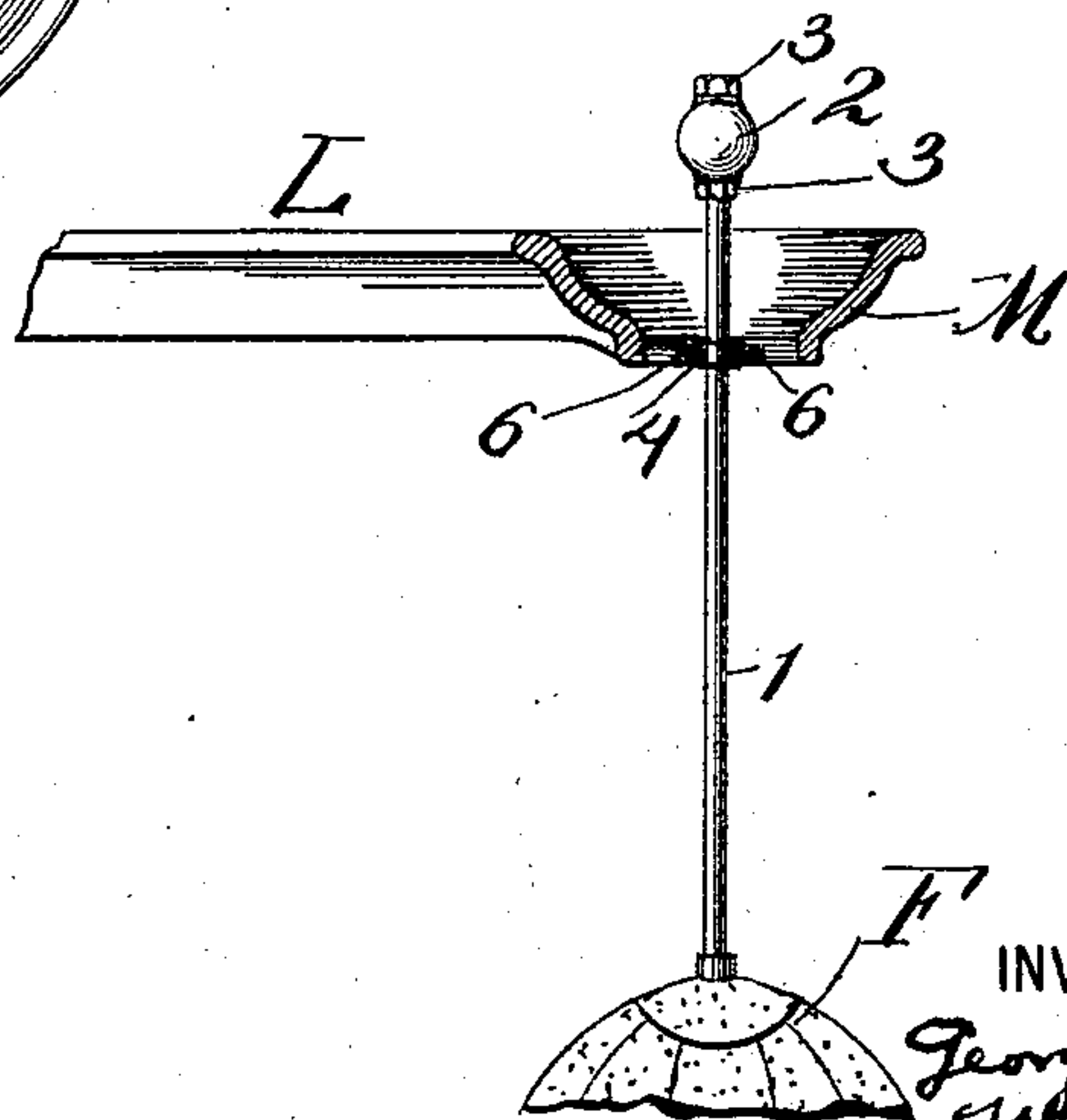
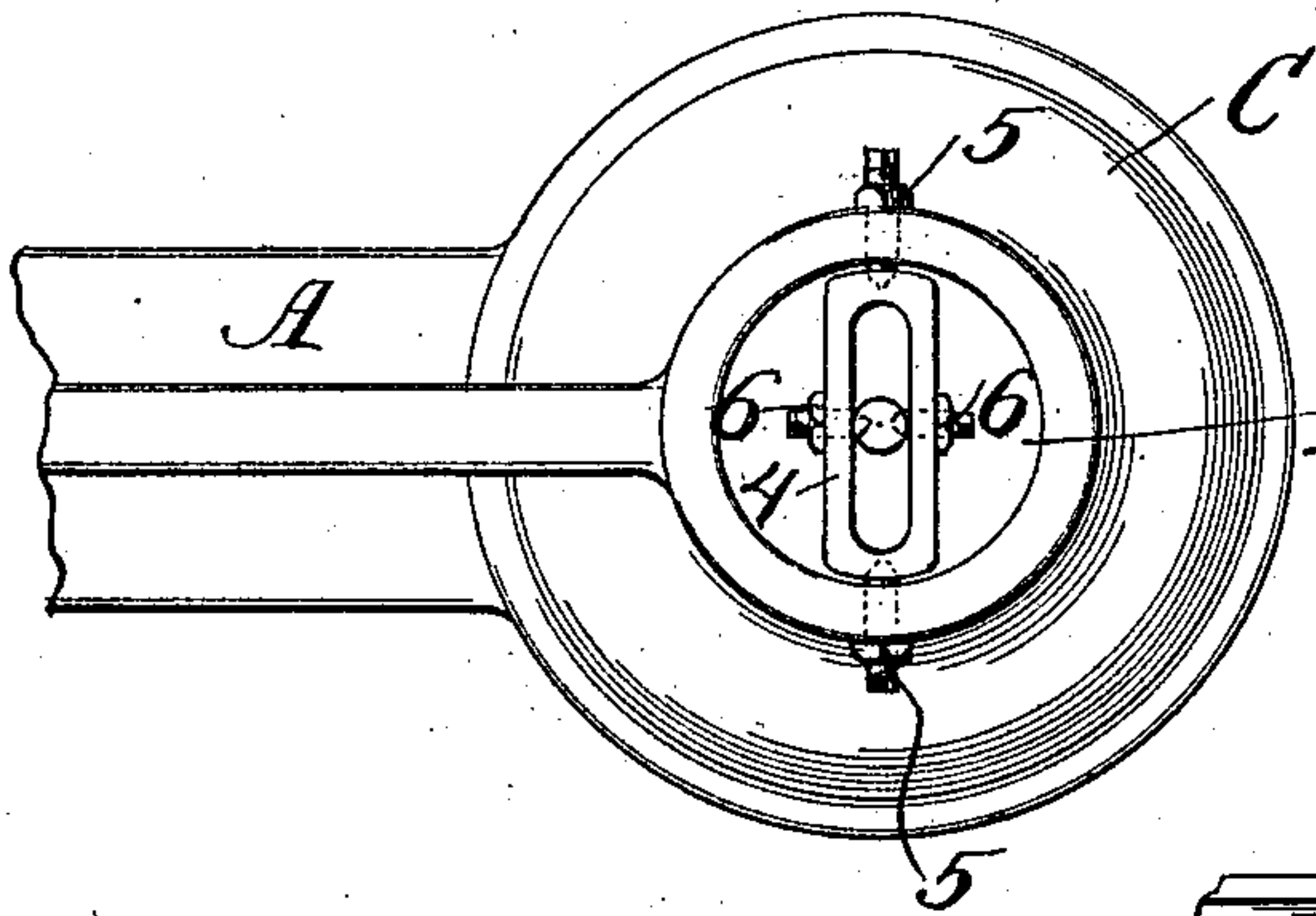


Fig. 2,



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. 710,112, dated September 30, 1902.

Application filed May 14, 1901. Serial No. 60,160. (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 a punching-bag; and it consists in a simple, compact, and efficient construction for suspending the bag-rod within a supporting-bracket, whereby the number of parts is lessened, and the same rod and bag may be conveniently used with different styles of brackets and easily changed from one to another of such brackets.

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, ceiling, or other desired place. At the end of said bracket is a dome C, having in 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 a rod 1, which is of substantially uniform cross-section throughout and made either rigid or somewhat resilient, as desired. 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. A joint member or part 4, which is rectangular in form and of a width between its side members slightly greater than the diameter of the rod 1, is supported by alined pivot pins or screws 5 5 within the aperture D. Passing through the sides of this rectangular joint member are the alined pivot pins or screws 6 6, which contact directly with the rod 1. It will be readily seen that by this construction I provide 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 upwardly and the adjustable buffer is on the end of the rod, the pivotal point being intermediate of its length.

In order to change from the bracket shown in Fig. 1 to that shown in Fig. 3, it will be merely necessary to remove the buffer, slide the rod up through the joint member 4 until the desired point is reached, turn down the screw-pivots 6, and place the other parts in position as shown. In other forms of universal supports for punching-bags wherein a greater number of parts is used or wherein the rod is enlarged at a certain point to provide bearings for the pivot-pins this convenience of changing from one style to another is not attained.

By my construction I may adjust the rod so that the pivotal point is at any desired position along the length thereof and am not limited to specific positions indicated by any peculiar formation of the rod. The rectangular form of the member 4 allows greater play to the rod before it comes into contact with any of the other parts of the bracket or joint, thereby obviating friction and attaining better results in use. This is especially the case when the construction is such that the rod is extended above the joint member, as in Fig. 3. In addition the space left between the sides of member 4 and the adjacent parts of the bracket allows room whereby the pivot-pins for such sides may be readily inserted and removed and gives entire freedom of movement without rendering it necessary to unduly enlarge the size of the aperture D and the accompanying parts.

Having thus described my invention, what



I claim as new, and desire to secure by Letters Patent, is—

1. In combination, in a device for supporting a punching-bag, a rod to which said bag  
5 is attached, said rod being of substantially uniform cross-section, a joint member carrying in its sides pivot-pins engaging directly with said rod and a bracket carrying pivot-pins for engaging the ends of said joint member  
10 substantially as and for the purpose specified.

2. In combination, in a device for supporting a punching-bag, a rod to which said bag

is attached, said rod being of substantially uniform cross-section, an elongated rectangular joint member carrying in its sides pivot-pins engaging directly with said rod, and a bracket carrying pivot-pins for engaging the ends of said rectangular joint member, substantially as and for the purpose described. 15 20

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

GEORGE S. MAXWELL.

Witnesses:

H. M. SEAMANS,  
I. V. SCOTT.