

No. 886,458.

PATENTED MAY 5, 1908.

C. J. WREN.
HOLDER FOR BROOMS.
APPLICATION FILED APR. 23, 1906.

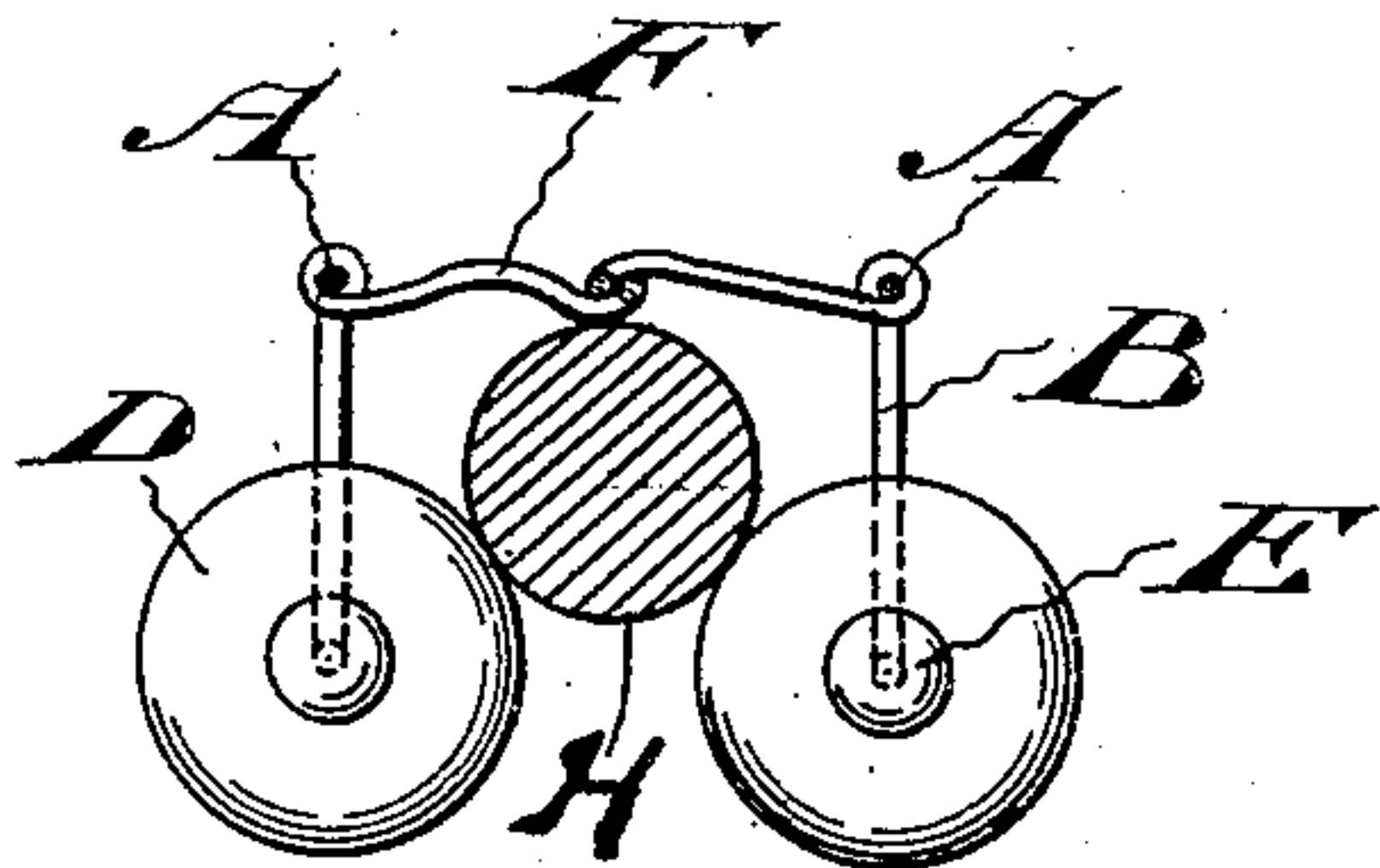
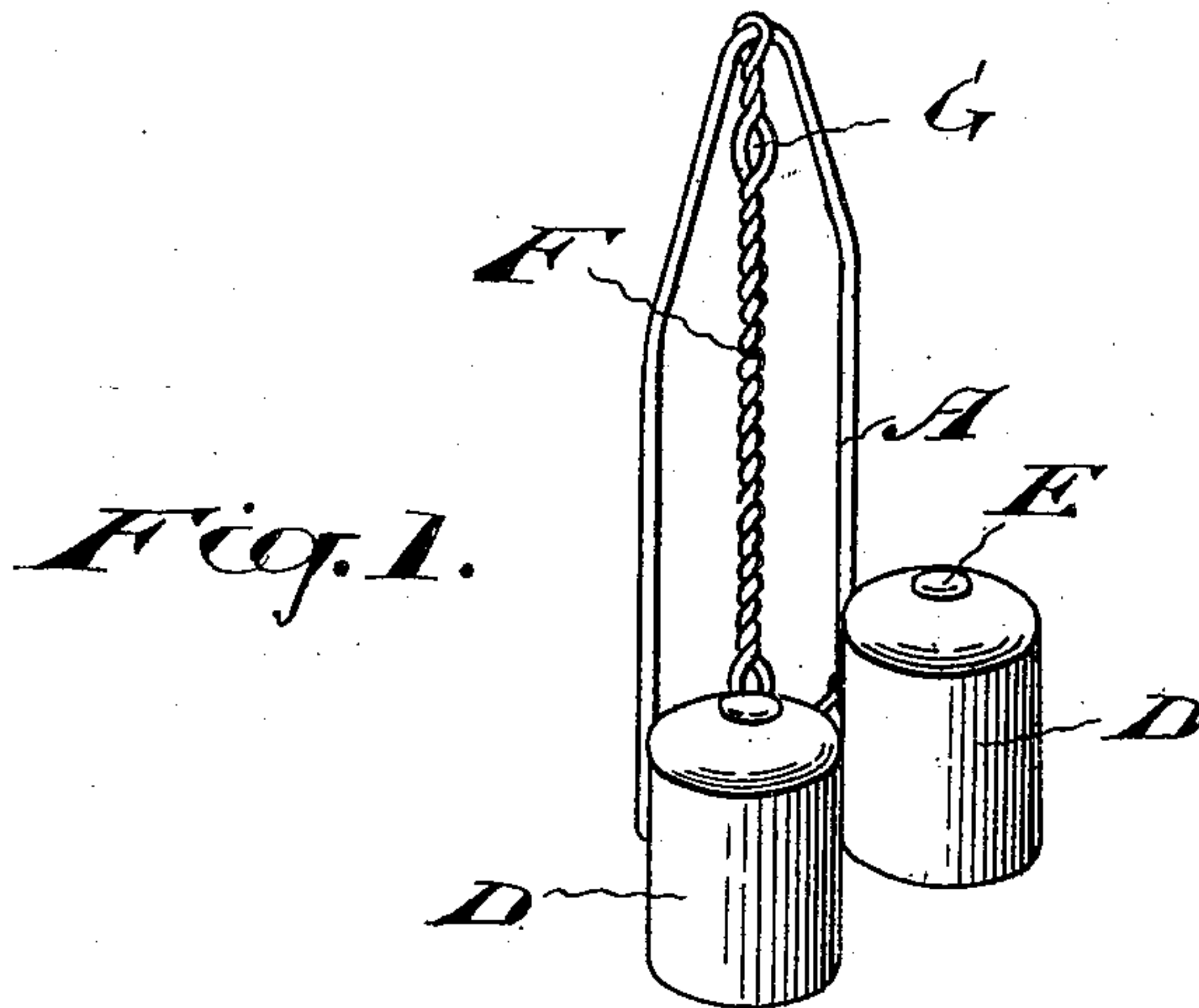


Fig. 3.

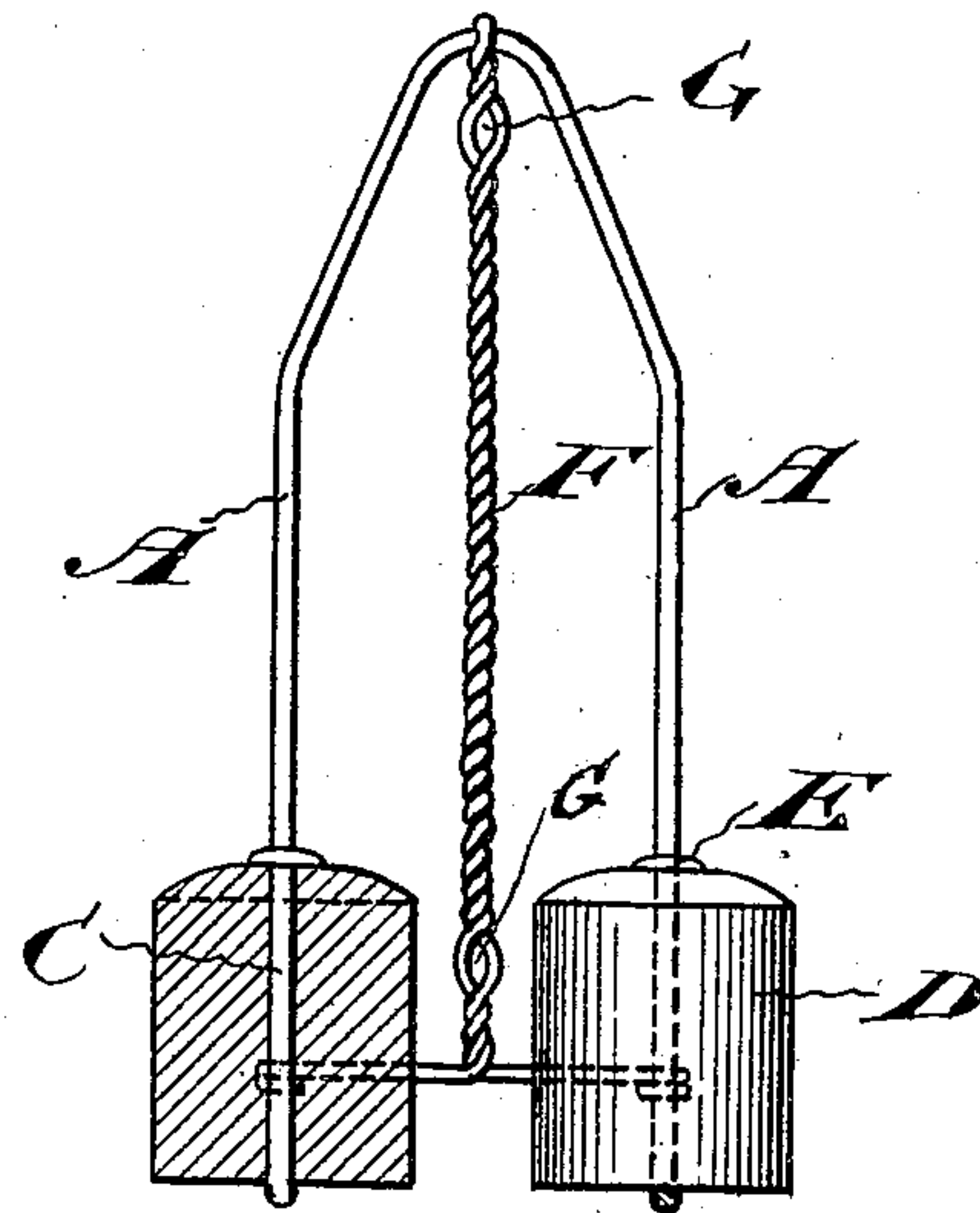


Fig. 2.

WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES J. WREN, OF TORONTO, ONTARIO, CANADA, ASSIGNOR OF ONE-HALF TO JOHN F. H. WYSE, OF TORONTO, CANADA.

HOLDER FOR BROOMS.

No. 886,458.

Specification of Letters Patent.

Patented May 5, 1908.

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To all whom it may concern:

Be it known that I, CHARLES J. WREN, of the city of Toronto, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Holders for Brooms, of which the following is a specification.

The object of my invention is to devise a cheap and effective holder for brooms, which may be readily attached to a wall against which it is desired to hang the broom, and it consists essentially of a spring wire frame provided with means for attachment to the wall and carrying two vertically journaled rollers, capable of being sprung apart to receive and grip a broom handle, substantially as hereinafter more specifically described, and then definitely claimed.

Figure 1 is a perspective view of my improved broom holder. Fig. 2 is a front view of the same, partly in section. Fig. 3 is a plan view of the same, partly in section.

In forming the broom holder I take a wire and bend it to form two legs A constituting vertical torsion springs, forwardly extending horizontal portions or arms B, and vertical journals C. On the part C are journaled the wooden rollers D, these being held in position by riveting the ends of the parts C over washers E. The vertical journals and the rollers may be regarded as a part of the arms.

In order to hold the parts C in proper relation to one another and to provide convenient base for securing the device to the wall, I take a wire F, loop it around the upper bend between the parts A, twist it together, spread the ends and connect them with the parts A near their lower ends. In the twisted parts of the wire I form screw holes G, through which screws or nails may be passed into the wall or other part to which the device is to be secured. In the construction described it follows that the wooden handle of the broom may be readily pressed between the two rollers, the parts B springing outwardly to permit this. The friction of the rollers on the broom handle H will be found sufficient to hold the broom in place. Owing to the parts A being tied together by the wire F the spring in the holder is given by a bending stress in the parts B and a torsional stress in the parts A.

The device is also adaptable for holding other articles similar to broom handles which may be gripped in the same way.

What I claim as my invention is:

1. A broom holder comprising a wire bent to form two vertical torsion springs connected by a bend, and arms extending out therefrom, the arms being adapted to engage and hold a broom handle, in combination with a wire looped round the aforesaid bend, twisted together and having its ends spread and separately connected each with one of the vertical torsion springs, substantially as described.

2. A broom holder comprising a wire bent to form two vertical torsion springs connected by a bend, and arms extending out therefrom, the arms being adapted to engage and hold a broom handle and being provided with upwardly extending journals at their ends and with rollers journaled thereon, in combination with a wire looped round the aforesaid bend, twisted together and having its ends spread and separately connected each with one of the vertical torsion springs, substantially as described.

3. A broom holder comprising a wire bent to form two vertical torsion springs connected by a bend; arms extending out therefrom, the arms being adapted to engage and hold a broom handle; and a thin metal cross bar connecting the vertical springs near their lower ends and through which the springs are passed and, the said broom holder being provided with means whereby the same may be secured to a wall substantially as described.

4. A broom holder comprising a wire bent to form two vertical torsion springs connected by a bend; arms extending out therefrom and provided with upwardly extending journals at their ends and with rollers journaled thereon; and a thin metal cross bar connecting the vertical springs near their lower ends and through which the springs are passed and, the said broom holder being provided with means whereby the same may be secured to a wall, the parts being adapted to grip a broom handle between the rollers and the cross bar substantially as described.

5. A broom-holder comprising a frame-member formed of a single piece of wire bent midlength to form a bight and to provide downwardly directed side-arms, thence forward and finally upward; a tie-member bent between its ends around the bight of said frame-member and twisted and directed downward between the side arms of the latter, thence bent laterally in opposite direc-

tions and having its extremities secured to the side arms of said frame-member, and clamping-rollers on the upwardly bent extremities of the wire forming the frame-member.
5 ber.

6. A broom-holder comprising a frame-member formed of a single piece of wire bent midlength to form a bight and to provide side arms and having the ends thereof terminating in return bends which are provided with
10 clamping means, and a tie-member bent be-

tween its ends around the bight of said frame-member and twisted and directed lengthwise between the side arms of the latter, thence bent laterally in opposite directions and having its extremities affixed to said side arms a short distance above the return bends thereof. 15

Toronto, Ont., 15th March, 1906.

CHARLES J. WREN.

Signed in the presence of—

JOHN G. RIDOUT,

G. S. BARE.