

J. G. HENDERSON.
BILL FILE.
APPLICATION FILED JAN. 18, 1909.

920,867.

Patented May 4, 1909.

FIG. 1.

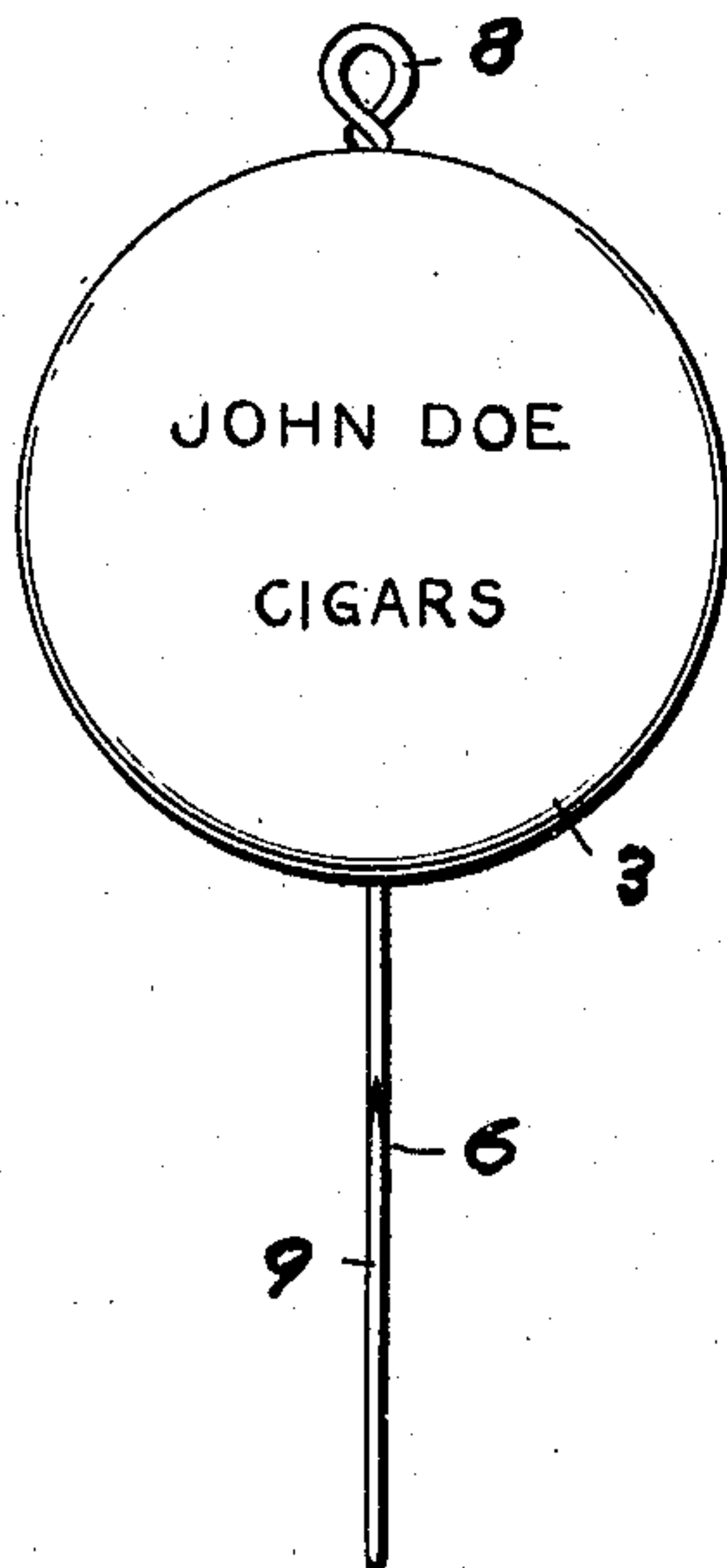


FIG. 2.

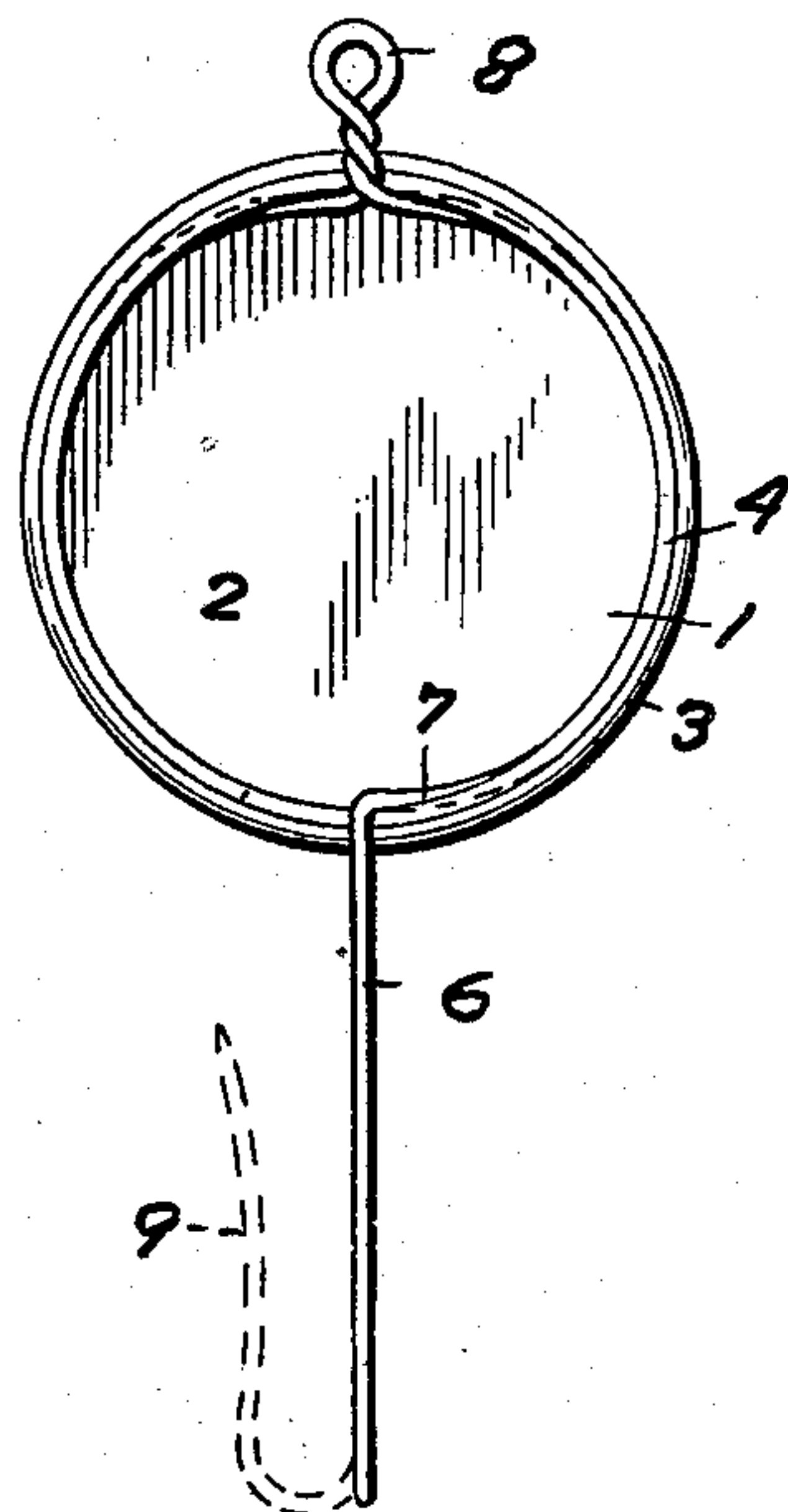


FIG. 3.

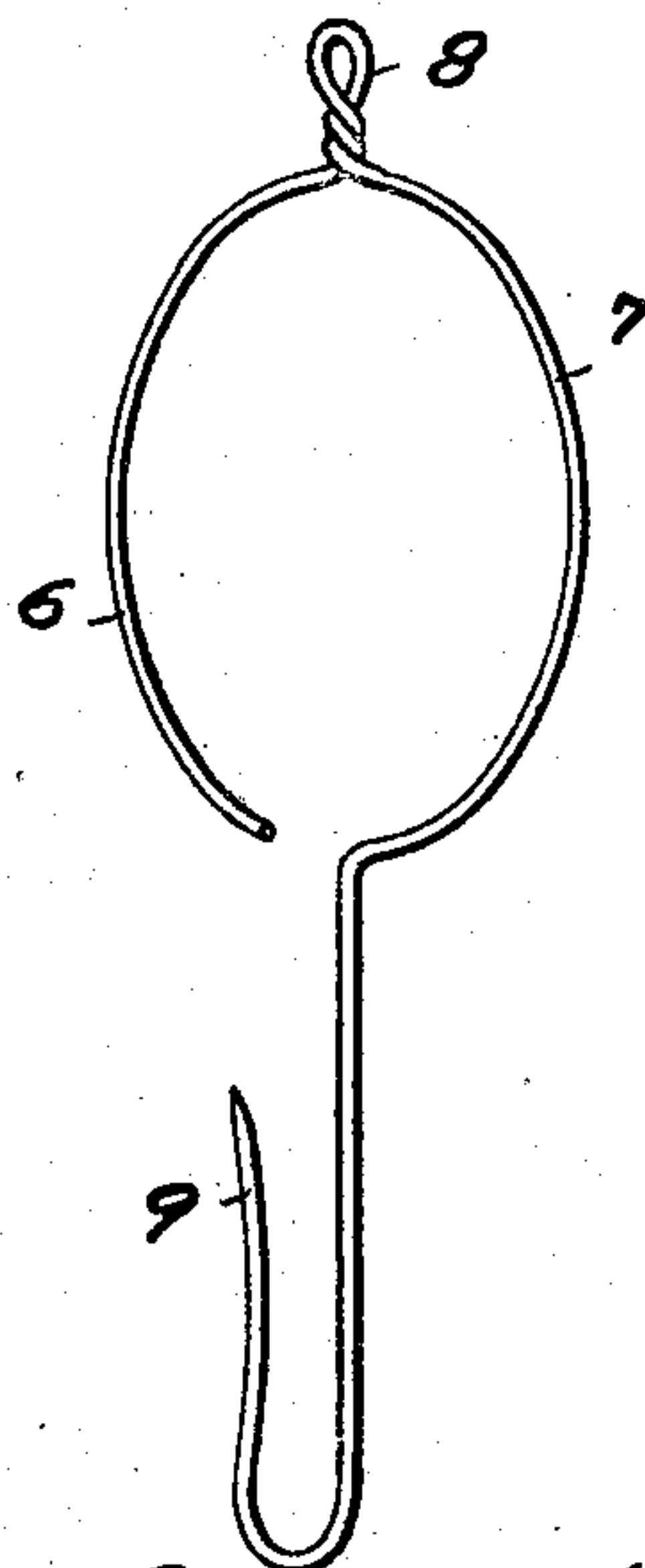
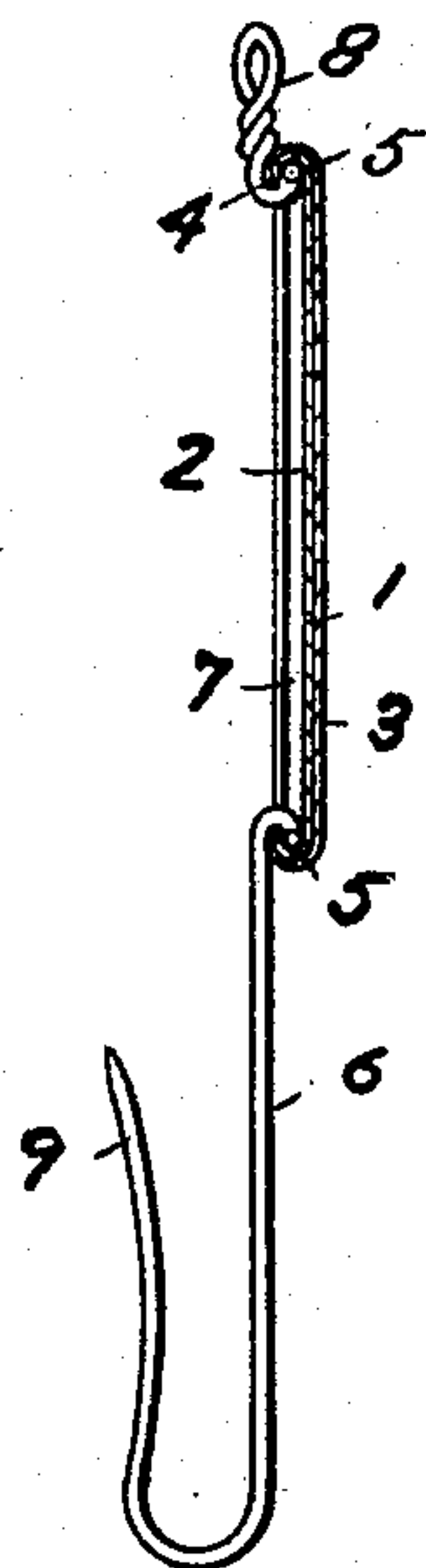


FIG. 4.

Witnesses:
G. Robert Thomas
J. W. Parker.

James S. Henderson Inventor
By his Attorney J. S. Brandenberg

UNITED STATES PATENT OFFICE.

JAMES G. HENDERSON, OF NEWARK, NEW JERSEY.

BILL-FILE.

No. 920,867.

Specification of Letters Patent.

Patented May 4, 1909.

Application filed January 18, 1909. Serial No. 472,847.

To all whom it may concern:

Be it known that I, JAMES G. HENDERSON, a citizen of the United States, and resident of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Bill-Files, of which the following is a specification.

This invention relates to hanging bill files of the hook type, and more particularly to bill files susceptible of use as advertising devices.

The object is to present a device of this character of superior attractiveness for advertising purposes, affording adequate space for advertising matter, of the simplest construction and minimum number of parts, and of extremely low cost of production. By my invention the parts of such bill files may be reduced to but two in number.

Bill files embodying my invention comprise a disk, bearing or adapted to receive advertising matter on its face, and having overhanging retaining means on its back, and a hook member bent from a piece of wire to present a loop portion or the like inserted and held beneath such overhanging retaining means and a hook portion proper projecting below the disk. Preferably, this hook member is bent to present, also, a loop or other means for hanging the bill file.

Other phases of the invention will become apparent from the following specification and will be found summarized in the appended claims.

In the drawing illustrating one of the possible embodiments of the invention, Figure 1 is a front view of the device, Fig. 2 is a back view, indicating by dotted lines the position of the hook proper when bent or twisted to one side, Fig. 3 is a vertical transverse section, and Fig. 4 is a perspective view of the wire hook member.

Referring now to these views, the numeral 1 indicates a thin disk, preferably of sheet metal 2 and a celluloid or other pyroxylin facing 3, the latter bearing or displaying the advertising matter. By disk, however, I do not, of course, desire to limit myself to a circular contour, as the "disk" might be elliptical, for example.

The margin of the disk is bent back to form a flange 4 overhanging the back of the disk and extending inward toward the center thereof. Between this flange and the back of the disk is, thus, formed an inward-facing, marginal channel 5. Such is the preferred

form of retaining means at the back of the disk; but my invention is not necessarily limited to this particular construction.

The numeral 6 indicates the hook member, the same being formed from a piece of wire. The piece of wire constituting this hook member may be bent in a variety of ways, without departing from the spirit of my invention, to present a suitable holding portion for insertion in the back of the disk, a hanging portion, and a hook portion proper; but I prefer to form the upper portion as a large loop 7 inserted beneath the flange 4 or sprung into the channel 5, a small loop or eye 8 at the top of the disk for hanging purposes, and a hook portion proper 9 projecting below the disk. The wire has some resiliency, so that the looped or otherwise expanded portion 7 remains securely beneath the flange 4, but may be readily compressed and withdrawn from beneath the same. It is desirable that the flange 4 be curved or inclined toward the back of the disk somewhat, as shown in Fig. 3; but it should be understood that by the term "overhanging flange" I do not limit myself to this inclination or curvature.

The extreme simplicity of the device will be readily apparent, as likewise its attractiveness both as an advertising device and as an article of practical usefulness. When packaged for sending through the mail or for other purpose, the hook portion 9 is bent into or parallel to the plane of the disk 1, as indicated in Fig. 2. In the operation of bending the hook portion, either as just described or in the reverse direction, the disk 1 serves as a handle and guard for the wire hook member 6, enabling the device to be grasped readily, and at the same time holding the expanded portion 7 securely to prevent distortion.

What I claim as new is:—

1. A hanging bill file of the character described comprising a disk having overhanging inward-extending retaining means at the back, and a hook member bent from a piece of wire to present a loop inserted beneath said overhanging inward-extending retaining means and a portion extending below and then bent upward to form the hook proper, whereby the hook may be twisted laterally without distortion of said loop.

2. A hanging bill file of the character described comprising a thin disk having at the back an overhanging inward-extending

flange, and a hook member bent from a piece of wire to present a holding portion held by and beneath said flange and a portion extending below the disk and then bent upward to form the hook proper.

3. A hanging bill file of the character described comprising a pyroxylin-faced sheet metal disk having its margin bent to form an inward-facing channel at the back of the disk, and a hook member formed of a piece of wire bent to present a large loop held in said

channel, a small loop for hanging purposes at the top of the disk, and a hook proper projecting downward below the disk.

Signed at New York in the county of New York and State of New York this 16th day of January A. D. 1909.

JAMES G. HENDERSON.

Witnesses:

J. F. BRANDENBURG,
L. STOLWEIN.