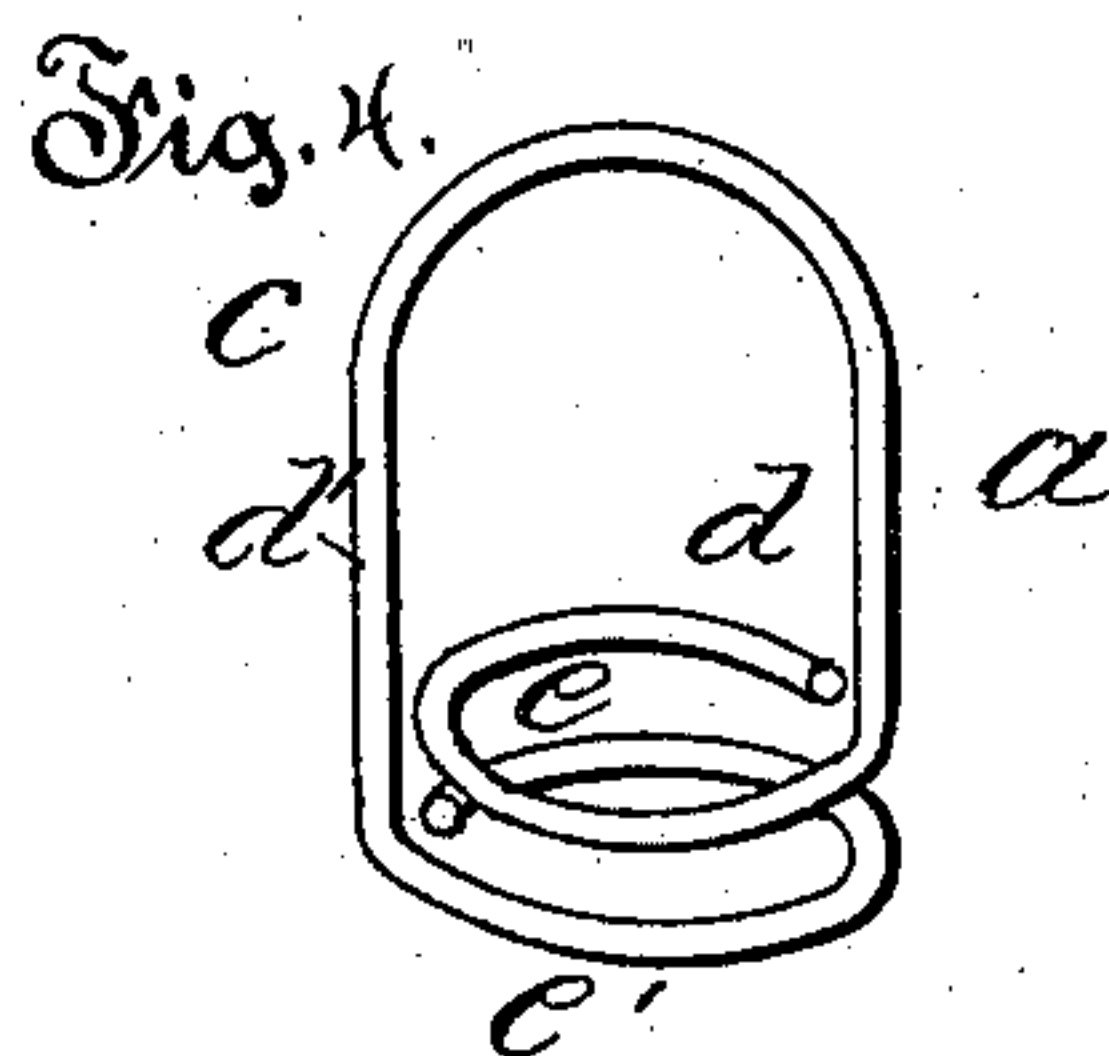
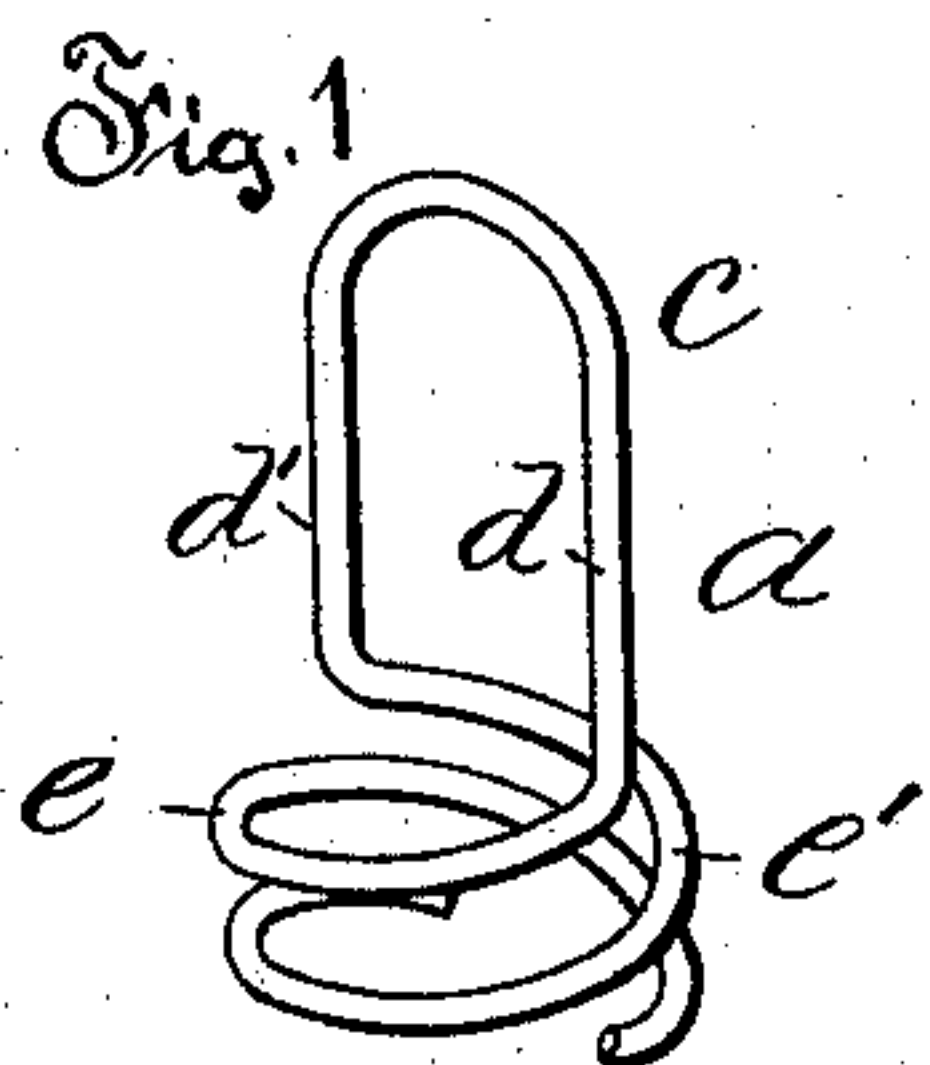
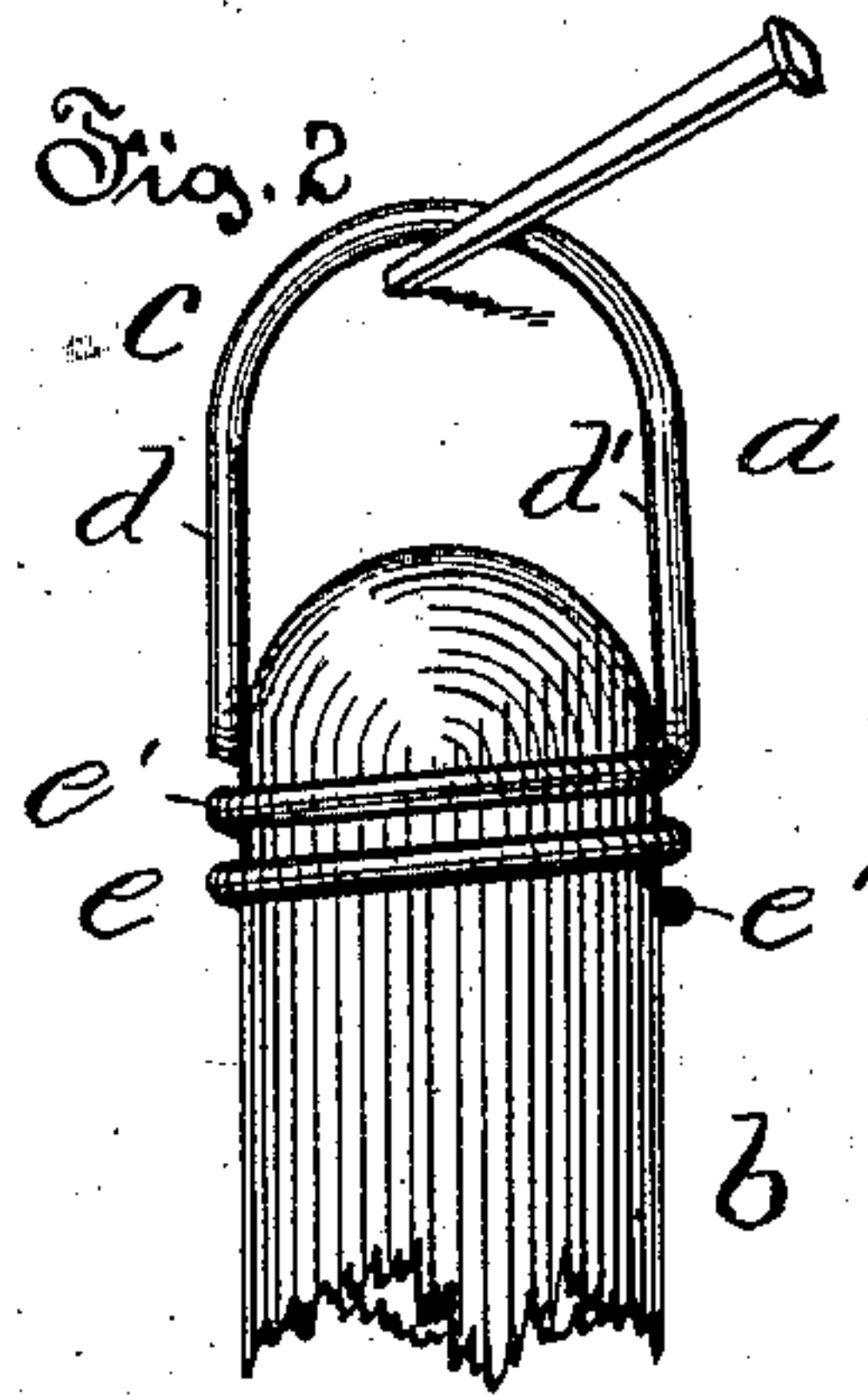
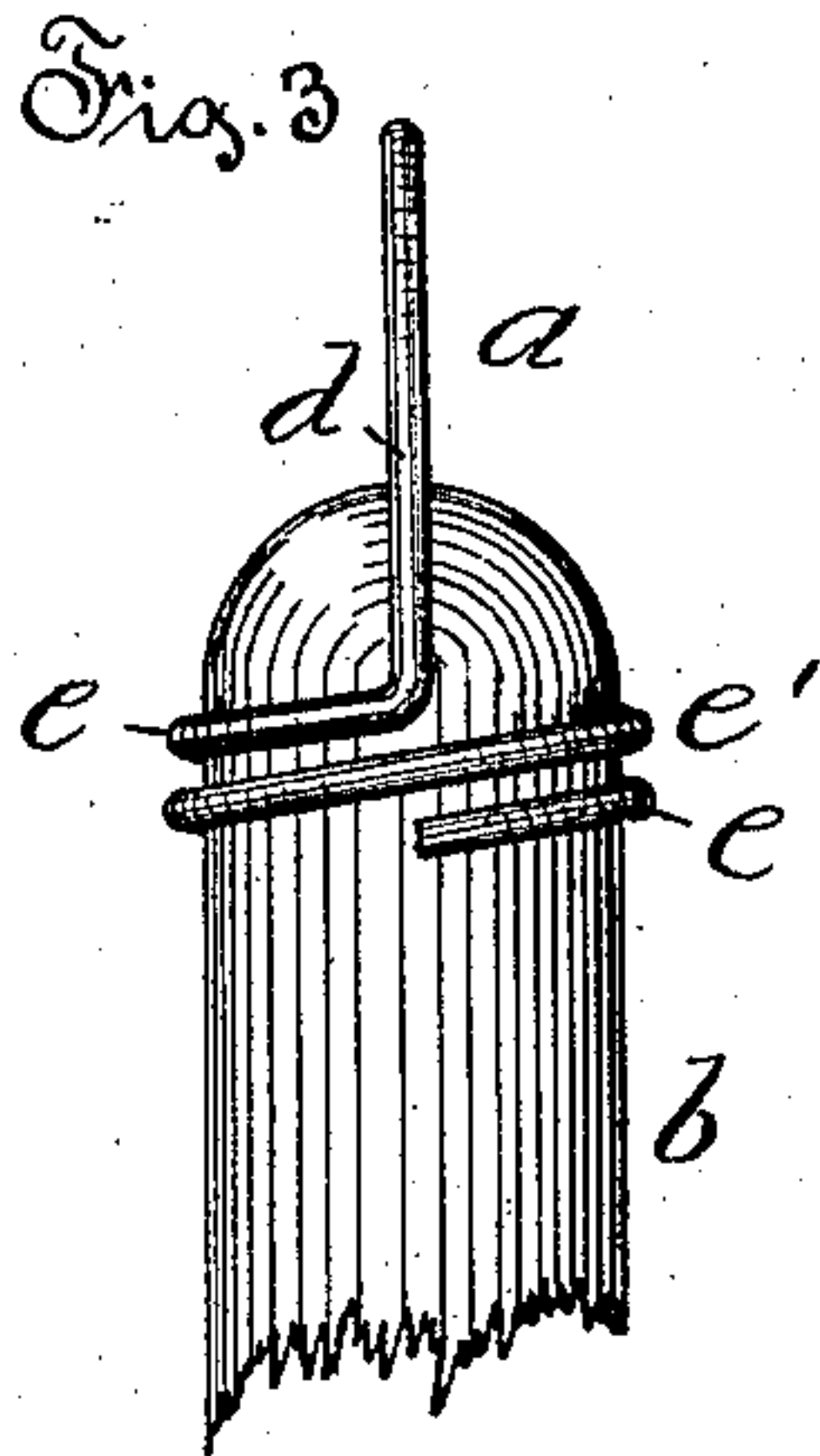


(No Model.)

R. D. DOW.
BROOM HANGER.

No. 365,802.

Patented July 5, 1887.



Witnesses:
H. R. Williams,
A. B. Jenkins.

Inventor,
Rion D. Dow,
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Attys

UNITED STATES PATENT OFFICE.

RIOU D. DOW, OF HARTFORD, CONNECTICUT.

BROOM-HANGER.

SPECIFICATION forming part of Letters Patent No. 365,802, dated July 5, 1887.

Application filed March 28, 1887. Serial No. 232,640. (No model.)

To all whom it may concern:

Be it known that I, RIOU D. DOW, of Hartford, in the county of Hartford and State of Connecticut, have invented certain new and
5 useful Improvements in Broom-Hangers, of which the following is a full, clear, and exact description, whereby any one skilled in the art can make and use the same.

My invention relates to the class of devices
10 that are attached to the handles of brooms and like articles with handles for the purpose of serving as a means for suspending the article on a nail or like support; and my object is to provide a simple, cheap, and efficient detach-
15 able hanger that may be readily applied to a handle and yet secured to it firmly and durably.

To this end my invention consists in a loop-shaped piece of metal with side parts termi-
20 nating in curved grasping-arms; and it further consists of certain details of the device, as more particularly hereinafter described, and pointed out in the claims.

Referring to the drawings, Figure 1 is a per-
25 spective view of a hanger embodying my invention. Fig. 2 is a front view of the same, illustrating its application and method of use. Fig. 3 is a side view of same attached to a handle. Fig. 4 is a perspective view of a modi-
30 fied form of my invention.

In the accompanying drawings, the letter *a* denotes the hanger as a whole, and *b* the handle of a broom or like article to which it is secured. The hanger is made of a piece of metal,
35 preferably of wire of spring temper, an open loop, *c*, being formed with side parts, *d d'*, terminating in curved grasping-arms *e e'*, that lie in planes at about right angles to the plane of the loop and of a diameter about equal to the
40 width of the loop or distance between its side parts. These curved arms are preferably spirals of about one full turn, and they lie one over or under the other. The function or office of the curved grasping-arms is to embrace
45 the handle of the broom or other article to which the hanger is attached, and they are made of any desirable size to adapt them to various sizes of handles, and they may be said to form rings over which the loop arches.

By reason of the spring temper of the arms 50 their grasping power is aided; but their hold under a pull tending to remove the hanger from the handle is mainly due to their snug fit upon the handle and to the fact that any pull upon the loop when the article is hanging on 55 a nail, or from other reason, is transferred along the side parts of the loop to one side of each of the ring-shaped arms, so that they are tilted or pulled obliquely and made to lie at an angle with the axis of the handle, which causes 60 the curved arm to grasp it yet more firmly and resist the tendency to pull the hanger off from it.

The hanger can be readily applied by screw-
ing it upon the end of a handle until it occu- 65 pies a position as illustrated in Figs. 2 and 3, the loop extending beyond the end of the handle a distance sufficient to hang it over a nail, hook, or peg, and it can be removed by applying a considerable twisting force to the loop 70 while pulling upon it, and thus turning or unscrewing the handle from the grasp of the arms.

I prefer to make this hanger of steel wire of comparatively small gage, and to round the 75 ends of the grasping-arms, as this provides a smooth surface in all parts, that will not scratch the hand of the user of the broom or other article. In Fig. 4 the arms of the hanger are shown as simple rings; but the spiral form 80 shown in Fig. 1 is preferred as being more efficient.

I claim as my invention—

1. As an improved article of manufacture, a hanger consisting of a loop-shaped body with 85 side parts terminating in curved grasping-arms, all substantially as described.

2. An improved hanger for brooms and like articles, consisting of a loop-shaped body with side parts terminating in spiral grasping-arms 90 overlying each other and lying across the plane of the loop, all substantially as described.

RIOU D. DOW.

Witnesses:

CHAS. L. BURDETT,
H. R. WILLIAMS.