

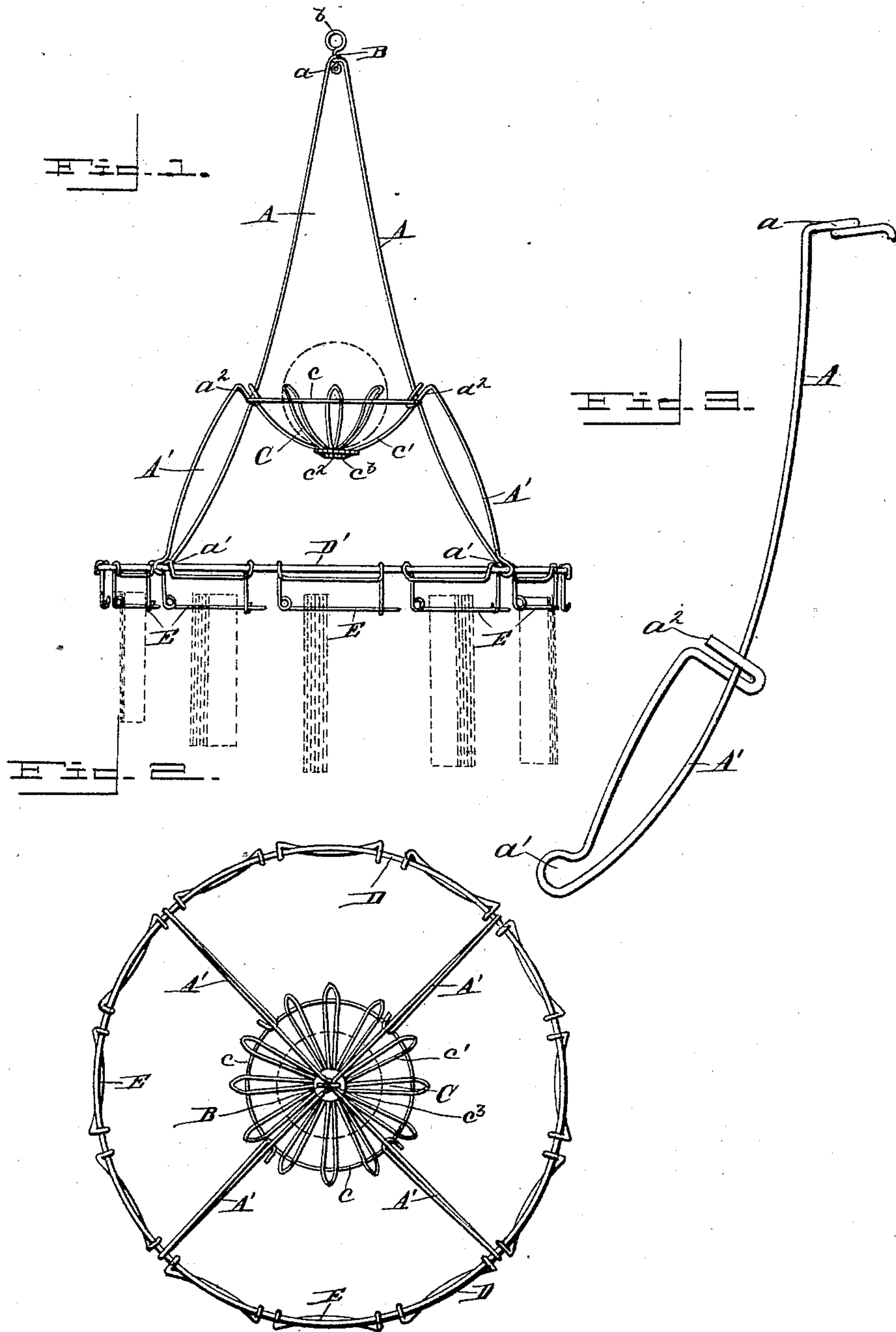
(No Model.)

F. H. SMITH.

BAG AND TWINE OR SAMPLE HOLDER.

No. 412,803.

Patented Oct. 15, 1889.



WITNESSES

Walter H. Humphrey
Paul H. Stevens

INVENTOR

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UNITED STATES PATENT OFFICE.

FRANK H. SMITH, OF CHICAGO, ILLINOIS.

BAG AND TWINE OR SAMPLE HOLDER.

SPECIFICATION forming part of Letters Patent No. 412,803, dated October 15, 1889.

Application filed June 24, 1889. Serial No. 315,354. (No model.)

To all whom it may concern:

Be it known that I, FRANK H. SMITH, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Bag and Twine or Sample Holders, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain improvements in bag and twine or sample holders; and it consists of the novel construction and combination of parts, as will fully appear from the following description and accom-
15 panying illustration, in which—

Figure 1 is a side elevation of my invention. Fig. 2 is a plan view thereof; and Fig. 3 is a detached view of one of the hanger-arms, portions being broken away.

20 In carrying out my invention I employ a series of hanger-arms A A, each two arms being made in a single piece of wire, the upper or central portion of each wire being coiled, as at *a*, around the central or shank
25 portion of a suspending contrivance B, the ends of the latter each being formed with an eye or ring *b*. The hanger-arms by this arrangement are swiveled in position upon their suspending contrivance and connected
30 and held together in a simple and substantial manner. The lower portions of the wires of the hanger-arms are curved or bowed downward and formed with loops A' A', which have at their lower ends eyes *a'* *a'*. The upper
35 ends of the wires of said loops are formed with hooks *a*² *a*², through which pass the downwardly-extended portion of the same wires, the hooks *a*² *a*² pointing outward and slightly upward. The purpose of such construction
40 is to permit, by pressing inward upon the outer or upwardly-extended portions of the wires of the loops, the catching or hooking of the beaks of the hooks *a*² *a*² under the rim or loop of the twine-basket, (presently described,) the hooks thereby being permitted
45 to spring back to their original or normal position after the removal of pressure therefrom, and thus automatically clasp the basket or holder in position in the hooks and inward
50 from the downwardly-extended wires of the hanger-arms.

C is the basket or twine-holder, which is of a reticulated nature, having a circular wire rim or hoop *c* a short distance inward from the outer looped ends of its upwardly and
55 outwardly extending bottom and side, forming wires *c'* *c'*, and under which rim, as above stated, catches the hooks *a*² of the hanger-arm loops A'. The twine passage or opening *c*² in the bottom of the basket C is lined or
60 provided with a bushing *c*³, to prevent the catching of the twine upon the edges of said opening.

D is a hoop or ring, which is held in the eyes *a'* *a'* of the hanger-arm loops A', and
65 upon which are suspended the bail-like hooks or clasps E. These hooks or clasps are of the construction substantially as shown—*i. e.*, having upper bent or hooked ends which en-
70 gage said hoop or ring D, and at their lower ends horizontal spring-held pins, which rest near their pointed ends in eyes or loops at the lower ends of one of their vertical end
portions. The hooks or clasps are inverted and slipped upon the rim or hoop *c*, and then
75 turned round into their normal position, which prevents their accidental displacement thereafter in securing bags thereon, the elasticity of the curved wire admitting the hooks to be
slipped upon the hoop or rim and preventing
80 their accidental removal therefrom. These hooks are used for suspension of paper bags or sacks, or for holding articles to display the same.

Having thus fully described my invention, 85
what I claim, and desire to secure by Letters Patent, is—

1. In a bag and twine holder, the combination of the hanger-arms formed of single lengths of wire and coiled in their middles
90 about a suspending hook or ring to form a swivel-support, and the hoop supported by said arms, substantially as set forth.

2. In a bag and twine holder, the combination of the hanger-arms formed of single
95 lengths of wire and coiled in their middles about a suspension-hook to form a swivel-support, the hoop supported by said hanger-arms, and the twine-holder supported by hooks formed at the upturned ends of the
100 arms, substantially as set forth.

3. In a twine and bag holder, the hanger-

arms formed of single lengths of wire supporting the hoop, and the spring-pin having upper curved approximately U-shaped portions to clamp over the hoop or ring, and the lower

5 spring-pin portion, substantially as set forth.

4. In a twine and bag holder, the combination of the hanger-arms formed of single lengths of wire and coiled in their middles about a hook or ring to form a swivel-support, the twine-holder bushed at its outlet or

10 opening and supported by hooks formed on the upturned ends of said hanger-arms, the hoop supported thereby, and the spring-pins

having upper curved approximately U-

15 shaped portions to clamp over the hoop or ring, substantially as set forth.

5. In a twine and bag holder, the combination of the supporting-arms formed of a single length of wire, said arms being coiled at their middles about a stemmed suspending- 20 ring to form a swivel-support, the hoop supporting the hooks or pins, and the twine-support, substantially as set forth.

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

FRANK H. SMITH.

Witnesses:

FREDERICK SANDERSON,
THOS. NORTHERN.