

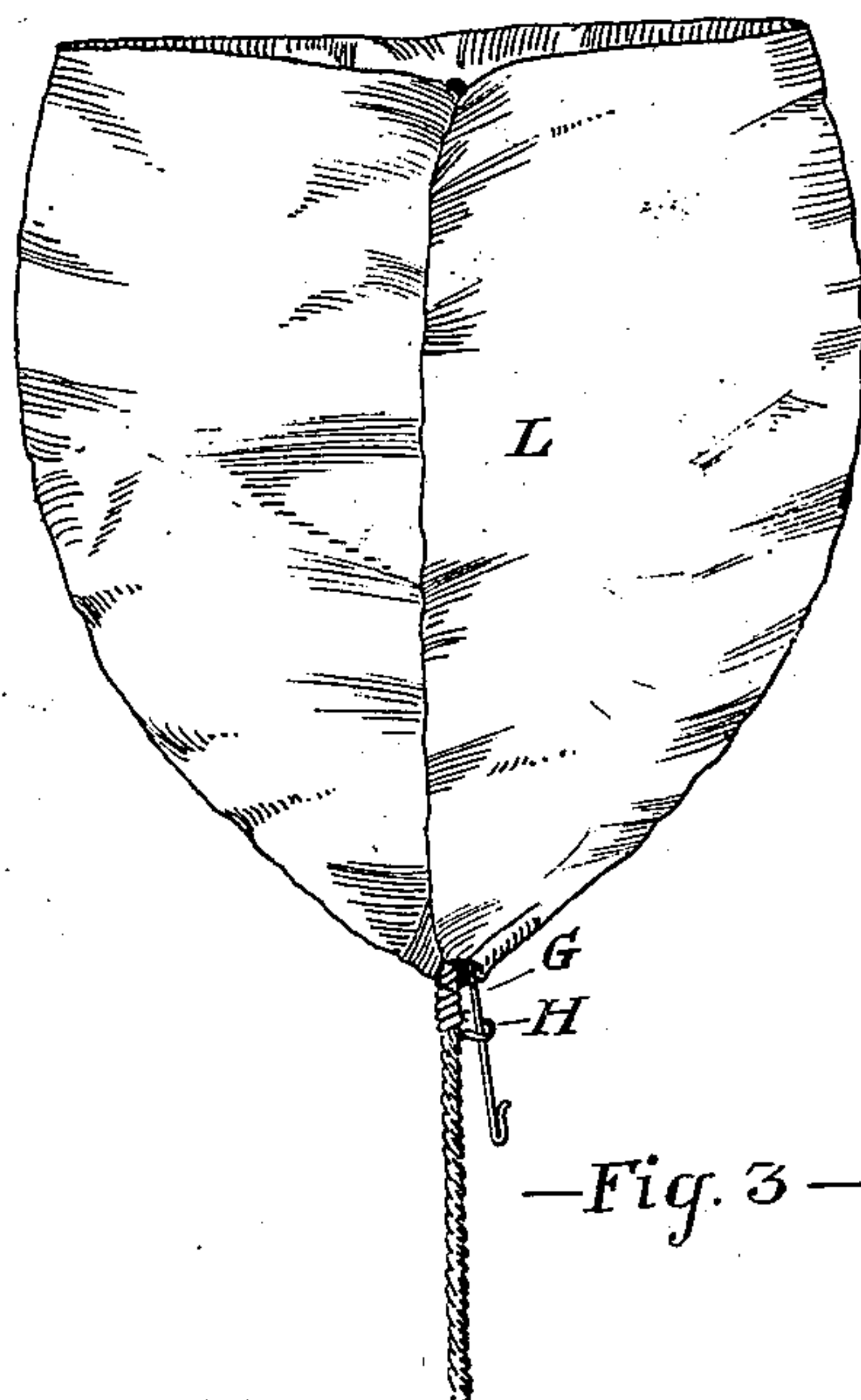
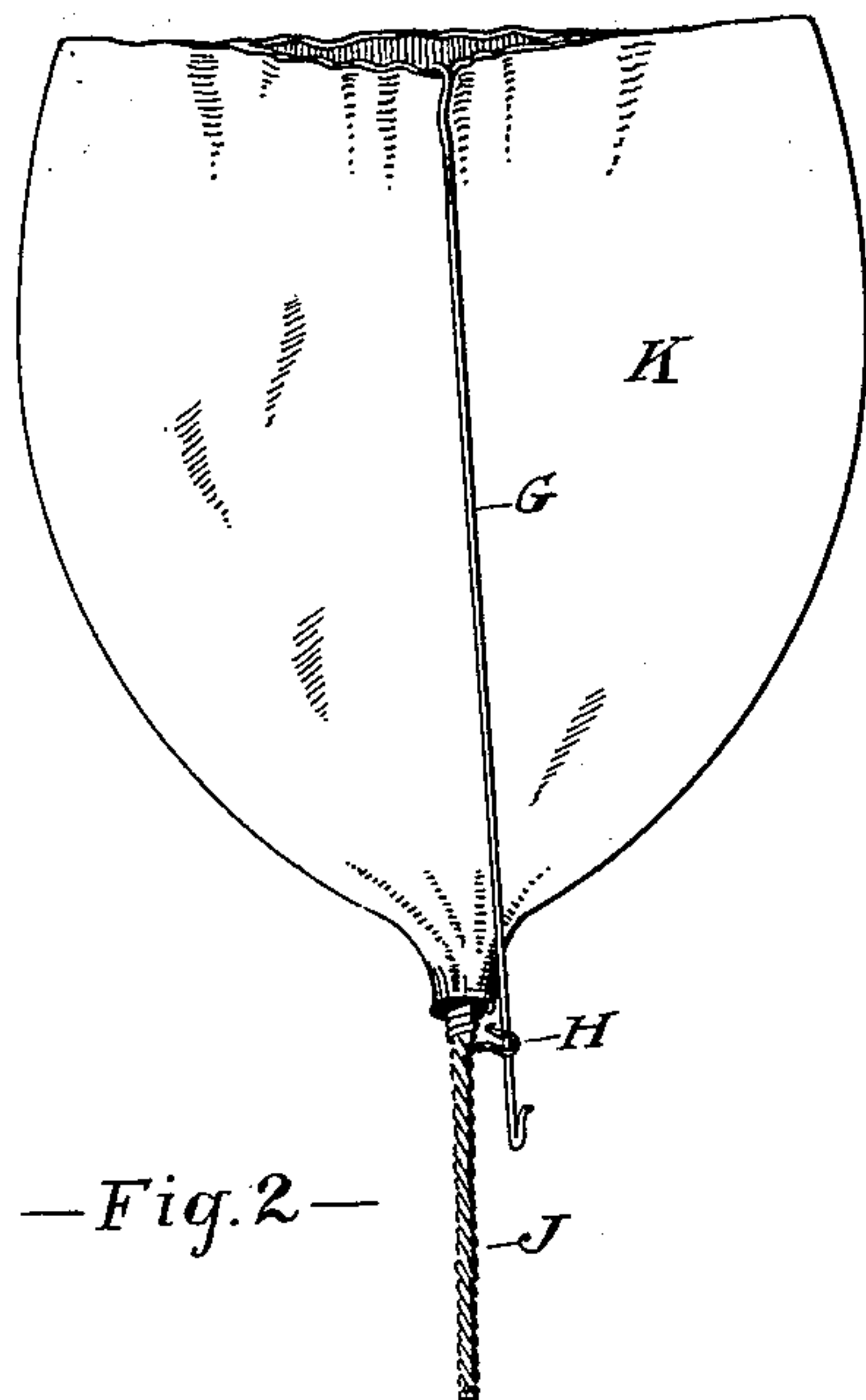
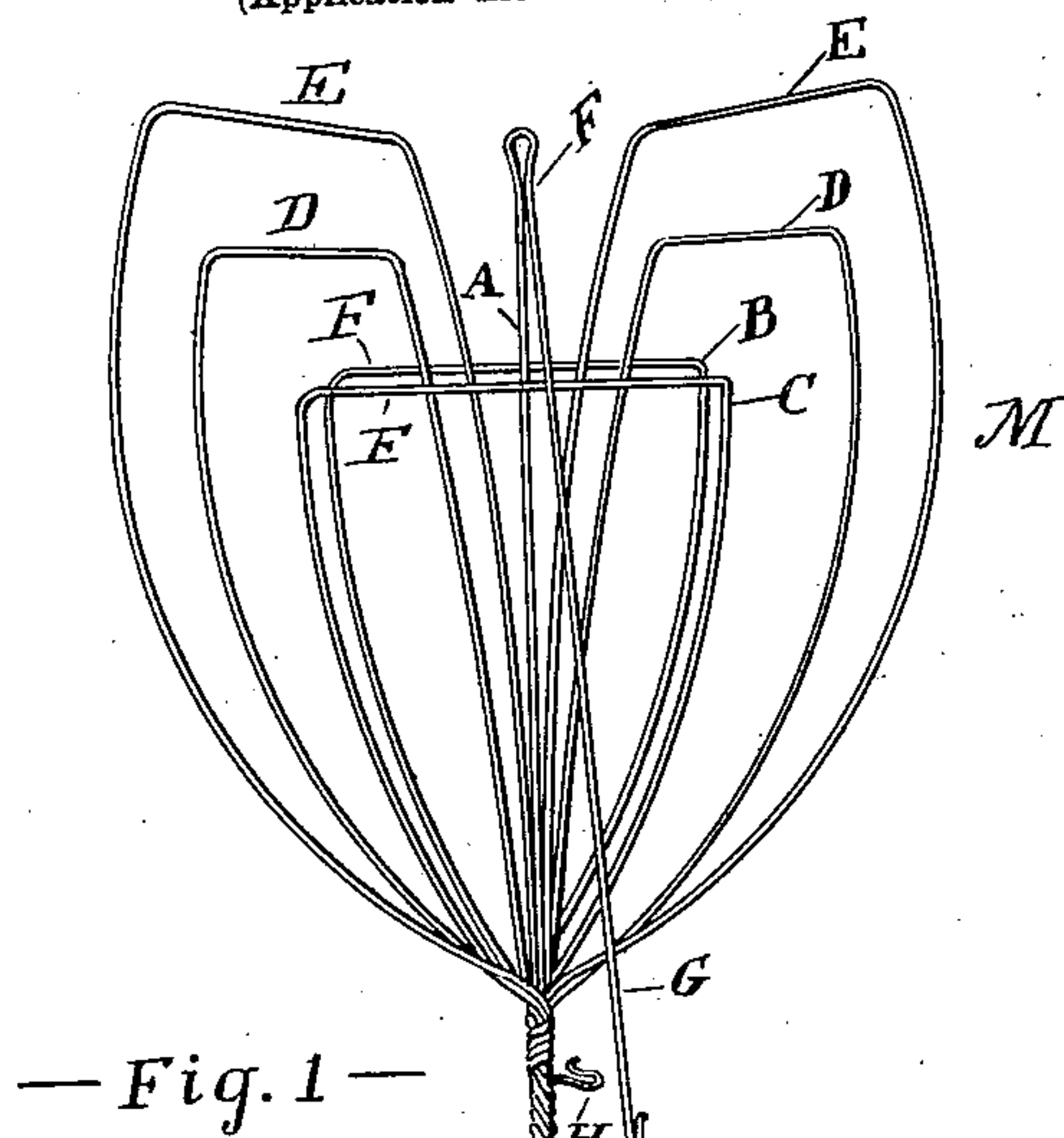
No. 640,707.

Patented Jan. 2, 1900.

W. F. SCHREY.  
HOLDER FOR DUST CLOTHS.

(Application filed Mar. 10, 1899.)

(No Model.)



Witnesses:—  
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# UNITED STATES PATENT OFFICE.

WILLIAM F. SCHREY, OF BURLINGTON, IOWA.

## HOLDER FOR DUST-CLOTHS.

SPECIFICATION forming part of Letters Patent No. 640,707, dated January 2, 1900.

Application filed March 10, 1899. Serial No. 708,580. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM F. SCHREY, of Burlington, in the county of Des Moines and State of Iowa, have invented certain new and useful Improvements in Holders for Dust-Cloths; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in holders for dust-cloths, one object being to so construct and arrange the several parts that the attachment of a dusting-cloth or equivalent article may be easily and quickly effected.

A further object is to provide a light, durable, and elastic frame that will be simple and inexpensive to manufacture and when covered with a dusting-cloth can be used on furniture, wall-paper, picture-frames, and on pictures without the slightest danger of scratching or injuring same.

With these ends in view my invention consists in certain novel features of construction and combinations of parts, as will be hereinafter more fully described and pointed out in the claims.

In the accompanying drawings, Figure 1 represents a view of the supporting-frame of my improved cleaner or holder. Fig. 2 is a similar view, in which said frame is enveloped by a dusting-cloth made in the form of a bag; and Fig. 3 is still another view, in which said frame is enveloped by an ordinary dusting-cloth wrapped about and secured to said frame.

M represents the frame of my improved holder for dust-cloths, and it comprises a pair of large yieldingly-disposed loops E E, a second pair of yieldingly-disposed loops D D, smaller than the first-mentioned pair and normally resting therein, and a third pair of yieldingly-disposed loops B C, located one in advance of the other, the adjacent and approximately vertical members resting between said loops B and C. The horizontal members F F of the loops B C overlap the adjacent edges of the approximately vertical members of loops E E and D D, whereby said loops are held against undue movement, the loops B C acting as braces or supports for the loops E E and D D.

The free ends of the several loops constituting the frame of my holder are twisted together, as shown at J, thus firmly uniting them together and forming a short handle, to which may be attached a supplemental handle J' when ceilings and other places or articles out of ordinary reach are to be dusted or cleaned.

The clamp A, which secures the dusting cloth or bag in position, is preferably made from a single piece of wire, bent upon itself, as shown, the vertical member thereof being confined between the loops B C, while the movable member G is located on the outside of the loop C and when in its locked position is designed to press toward its other member and clamp said loop C between them. This clamp is secured to the upper section of handle J by twisting a portion of the lower section of the vertical member around said handle, the extreme end of said vertical section or the free end of one of the other wires being bent, as shown at H, so as to form a catch for receiving and locking the free end of movable member G. In order to provide sufficient spring to movable member G, both members of said clamp, adjacent to their looped end, are bent toward each other, as shown at F.

The device above described is preferably made of light wire and approximates a fan in shape and is adapted to removably support a dusting-cloth, as shown in Figs. 2 and 3.

The dusting-cloth K (shown in Fig. 2) is made of a single piece of suitable material and of a shape to correspond with the outside contour of loops E E and is provided at its contracted end with a small opening for the passage of handle J and at its opposite end with an enlarged opening for the passage of loops E E when the latter are sprung toward each other. By constructing this last-mentioned opening of a length less than the distance between the outer members of loops E E when the latter are in their normal position, the bag-like cloth K will be tightly held in place by the outward pressure exerted thereon by said loops E E. By reference to this figure it will be seen that all of the loops, as well as the vertical member of clamp A, are entirely enveloped by dusting cloth or bag K, one side of which latter being firmly held between the members of clamp A, the mov-



able member resting on the exterior face of the clamped side of said bag and secured by catch H, whereby displacement of bag K in a vertical direction is prevented.

5 The dusting-cloth L (shown in Fig. 3) may be of any desired shape and size and is secured in its operative position by first placing the cleaner or holder upon the cloth. One edge of the cloth is then brought over the loops E E and under the entire clamp F below the member A. The ends are then loosely caught up and one end inserted flatwise through the clamp F and the other brought over, around, and under the member G of said clamp, thus holding it secure and firm, after which said member G is hooked in catch H, thus locking the cloth L against accidental movement or displacement.

The advantages of a duster of the character described are that it is elastic its full length, it works easy, is light weight, and can be used to clean or dust wall-paper or ceilings of all kinds, oiled floors, or other similar surfaces. It can be used wet, dry, or oiled. It can be introduced back of furniture and under furniture, back of pictures, and for cleaning windows and the tops of window-casings, can be employed for cleaning a room without moving the contents, and does not raise any dust. It will be remembered that in ordinary house-cleaning very often a cloth is pinned over the surface of a broom to answer the same purpose as this device; but such a device is clumsy, the broom is heavy and has not the elasticity which this device has. This device does away with all pinning and tying on of cloths and is easily and quickly adjusted.

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

1. As a new article of manufacture, a dusting device, consisting of a frame constructed to yield laterally in every part, a dusting-

cloth enveloping said frame, a clamp constructed to secure the dusting-cloth to said frame and a handle projecting from said frame. 45

2. As a new article of manufacture, a holder consisting of a series of radiating spring-wire loops adapted to yield transversely of the holder and having their free ends secured together at a point from which said loops radiate, a clamp for holding a cloth about said loops and a handle for the holder. 50

3. As a new article of manufacture, a holder for dust-cloths, consisting of a series of radiating spring-wire loops of varying sizes secured together at their free ends said loops adapted to yield transversely of the holder and a clamp for removably holding a dusting cloth or bag enveloping said loops. 55 60

4. As a new article of manufacture, a holder for dust-cloths, consisting of a series of wire loops arranged in pairs, loops overlapping the adjacent edges of said loops, a clamp adapted to support a cloth or other dusting article upon said loops, and a handle. 65

5. As a new article of manufacture, a holder for dust-cloths, consisting of a series of yielding loops arranged in pairs, a pair of loops overlapping the adjacent vertical members of the yielding loops, and a clamp for removably supporting a dusting cloth or bag on said loops, one member of said clamp being located between centrally-disposed loops, the other member being adapted to engage a catch for locking the dusting cloth or bag against displacement, and a handle. 70 75

In testimony whereof I have signed this specification in the presence of two subscribing witnesses. 80

WILLIAM F. SCHREY.

Witnesses:

CHAS. C. CLARK,  
JNO. J. SEELEY.