

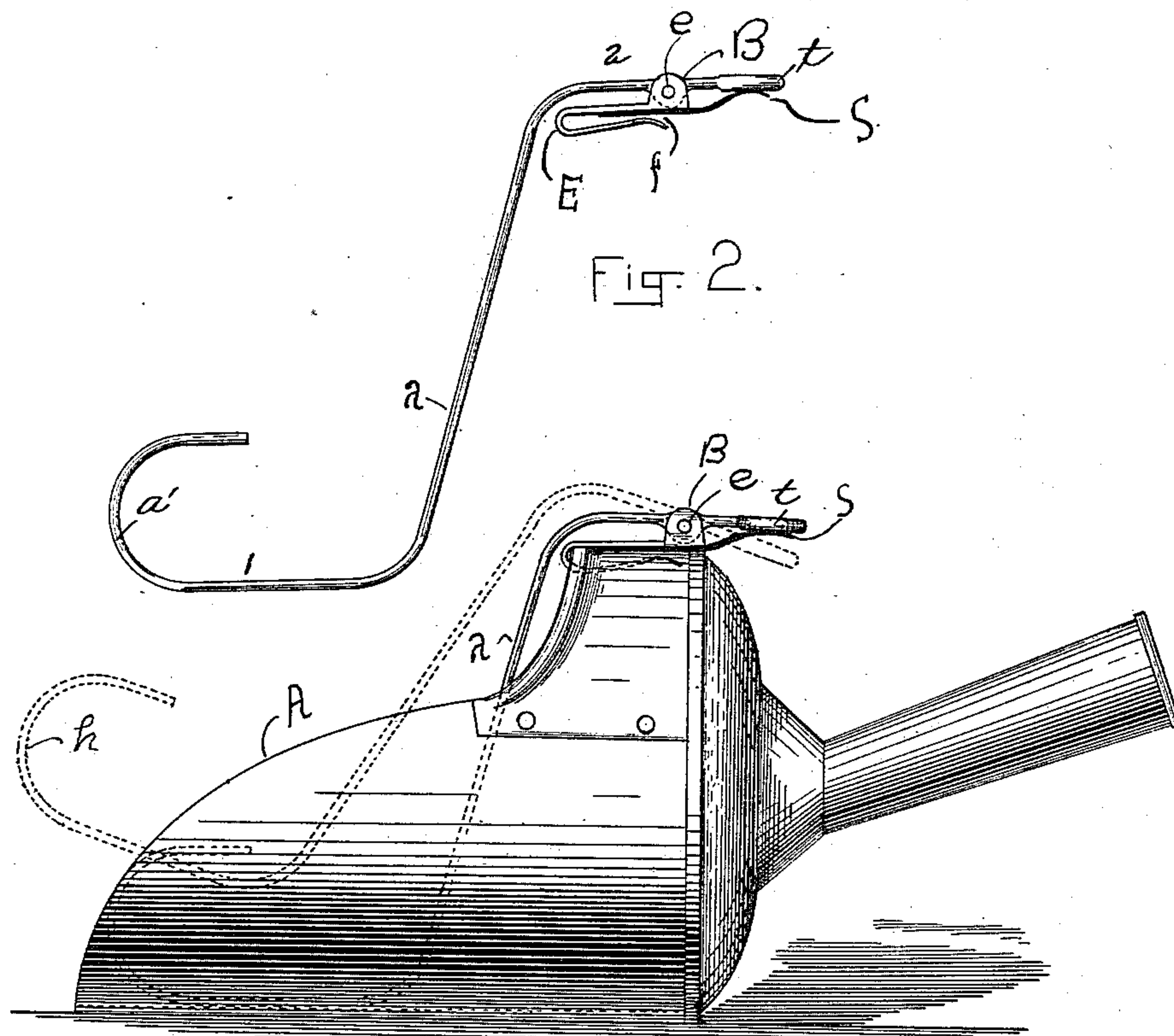
(No Model.)

F. PEASE.

BAG OPENING ATTACHMENT FOR SCOOPS, &c.

No. 379,491.

Patented Mar. 13, 1888.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

FRANK PEASE, OF LYNN, MASSACHUSETTS.

## BAG-OPENING ATTACHMENT FOR SCOOPS, &c.

SPECIFICATION forming part of Letters Patent No. 379,491, dated March 13, 1888.

Application filed February 14, 1887. Serial No. 227,614. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK PEASE, of Lynn, in the county of Essex and Commonwealth of Massachusetts, have invented certain Improvements in Bag-Opening Attachments for Scoops, of which the following, taken in connection with the accompanying drawings, is a specification.

My invention is a device designed to be employed in combination with scoops or like articles for opening the mouths of bags.

The object of the invention is to provide a device capable of being combined with a scoop of ordinary form and constructed to be manipulated in a manner to open the mouth of a bag in order that the material held in the scoop can be readily introduced into said bag.

The device is especially applicable to the class of scoops used in the grocery or confectionery trade.

In the drawings, Figure 1 is a side elevation of a scoop of ordinary form with my attachment in place. Fig. 2 is a detached view of my attachment.

The bag-opening device comprises a lever or frame, preferably made of wire, *a*, bent into substantially the shape shown, to conform to the general shape of the interior of the scoop and extending from the front edge thereof to the rear near the handle. This shape provides two portions, 1 and 2, substantially horizontal and parallel, and a turned-up end, as at *a'*. When the device is in place, the portion 2 is in close proximity to the top edge or rim of the scoop, and at this point the device is supported. A clip or jaw, *E*, is employed as securing means, said clip being provided with a spring-tang, as *f*, ears, as *B*, and a spring, as at *s*. The wire *a* is formed with an eye in its horizontal portion 2, and through this eye and the ears a pivot, *e*, is passed, by means of which the clip and wire are securely held together. The portion 2 of the wire *a* projecting beyond the ears is formed into a thumb-piece, *t*, which is pressed upon by the spring *s*, as shown, to hold the lever or frame in a normal position. This forms the complete attachment, and in order to place it in position it is only necessary to slip the clip

over the edge of the scoop, the spring-tang allowing this action and holding the entire device firmly in place.

I do not wish to limit myself to the precise manner of attaching the device to the scoop, as this feature is susceptible of change without departing from the spirit of my invention.

The manipulation of the device is obvious. The scoop having been filled with the desired material, the end thereof is slightly inserted into the mouth of the bag. The thumb of the hand holding the scoop is then pressed down upon the thumb-piece, which action causes the front part of the wire *a* to rise, pressing upon the inner side of the bag and causing the bag to open fully for the reception of the material. The dotted lines of Fig. 1 illustrate the position of the device when this action is performed. The spring returns and holds the attachment to its normal position when the pressure is removed.

It will be noticed that as the lever or frame extends back to near the handle the manipulation of the attachment can be performed by the thumb or fingers of the hand holding the scoop without the slightest inconvenience. The lever or frame may be made of slightly different form, and other material than that described may be employed in its construction.

I claim as my invention—

1. In combination with a scoop having a suitable handle, a lever or frame, as *a*, extending from about the front edge of the scoop backward to near the handle, substantially as described.

2. In combination with a scoop having a suitable handle, a lever pivotally supported upon said scoop and extending from about its front edge to within close proximity to the handle, substantially as described.

3. As an article of manufacture, a bag-opening device for use in combination with scoops, said device comprising a lever, *a*, formed with a thumb-piece, and a spring clamping-jaw pivotally connected with said lever and formed with a spring-arm bearing against the lever, all substantially as described.



4. A bag-opening device for use in combination with scoops, comprising a lever bent into substantially the form shown and extending from front to rear of the scoop, and a  
5 clamping plate, as E, pivotally connected with said lever, substantially as described.
5. In combination, the scoop and the lever a,

pivotally supported upon said scoop and arranged upon the upper side, substantially as described.

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Witnesses:

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