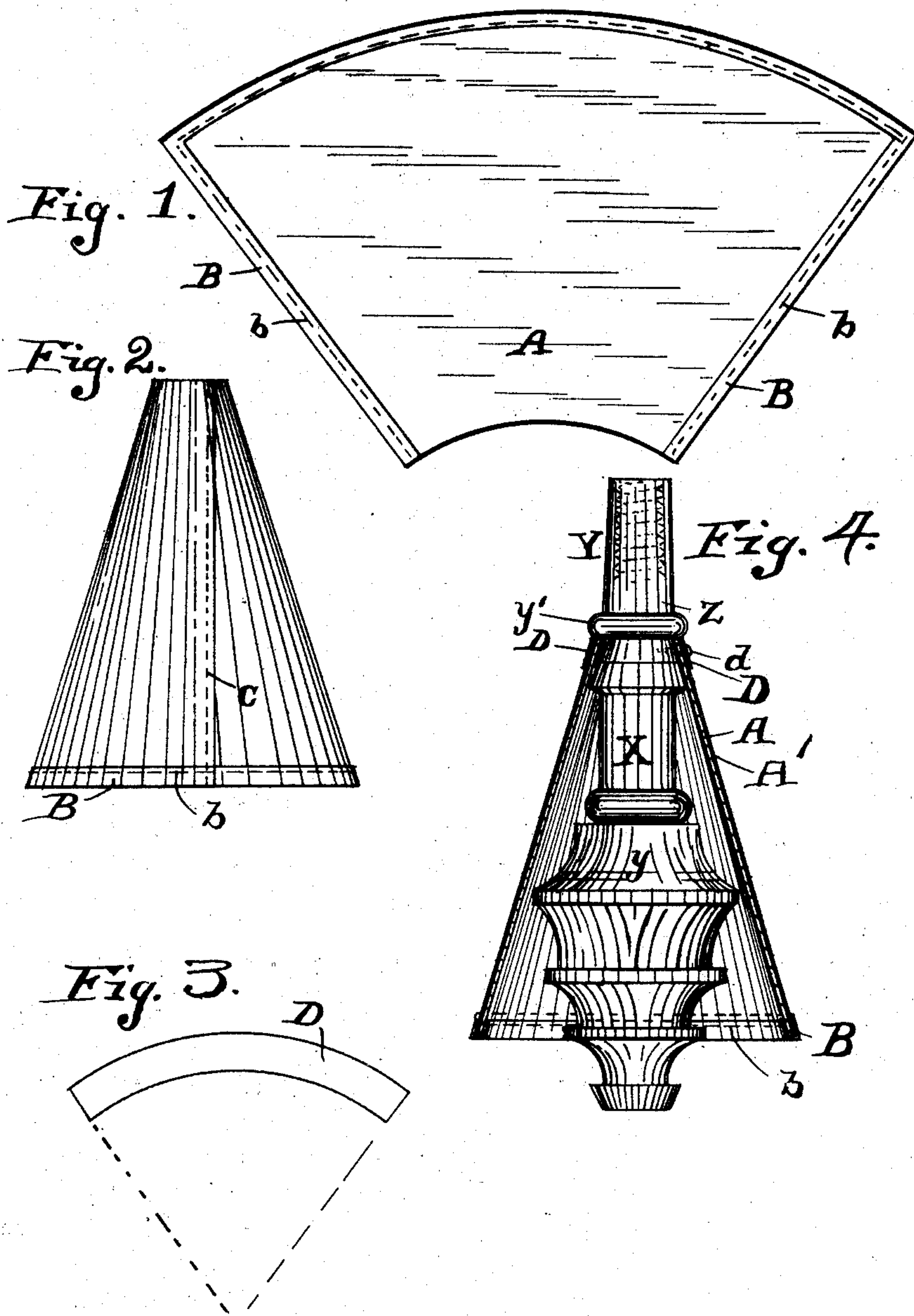


M. E. GOODHUE.  
HEAD FOR FEATHER DUSTERS.  
APPLICATION FILED AUG. 17, 1908.

907,338.

Patented Dec. 22, 1908.



Witnesses:  
Albert Ransom,  
C. A. Adams.

Inventor:  
Mead E. Goodhue;  
By  
Charles Turner Brown,  
Att'y.



# UNITED STATES PATENT OFFICE.

MEAD E. GOODHUE, OF CHICAGO, ILLINOIS, ASSIGNOR TO CHICAGO FEATHER DUSTER CO.,  
OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

## HEAD FOR FEATHER DUSTERS.

No. 907,338.

Specification of Letters Patent.

Patented Dec. 22, 1908.

Application filed August 17, 1908. Serial No. 448,912.

*To all whom it may concern:*

Be it known that I, MEAD E. GOODHUE, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Heads for Feather Dusters, of which the following, when taken in connection with the drawing accompanying and forming a part hereof, is a full and complete description sufficient to enable those skilled in the art to which it pertains to understand, make, and use the same.

This invention relates to heads for feather dusters and the like and has for an object in heads constructed to obtain a considerable spread of the feathers attached thereto, to provide means to obtain a substantial and durable cover to the handle of the head, a cover which will present a pleasing appearance, a cover which will not add any considerable weight to the duster head, (or to the duster), and one which can be put in place on the head after the feathers have been attached thereto.

A further object of the invention is to obtain a head provided with a cover presenting considerable surface which may be utilized for the placing thereon of marks and characters arranged to designate the manufacturer, the name and number of the duster and the trade mark, and such other information as is desired.

In the drawing referred to Figure 1 is a plan view of a blank, duplicates whereof, (made of different materials), form elements in a device embodying the invention. Fig. 2 is an elevation of a truncated cone obtained by forming up and securing together a plurality of parts each thereof shaped like the blank illustrated in Fig. 1. Fig. 3 is a plan view of a blank forming an element in a device embodying this invention, and Fig. 4 is an elevation of a duster head showing in vertical section a cover embodying this invention attached thereto.

A reference letter applied to designate a given part is used to indicate such part throughout the several figures of the drawing wherever the same appears.

I have constructed a cover consisting of a blank A of heavy card board, known in the trade as press board, and an additional blank A' of leather, in the devices embodying this invention as made by me.

B is a binding secured, as by the stitching

b, to the edges of the pieces of leather and press board, joining such pieces together.

C is stitching joining the straight edges of the blanks A, A', together, after the binding B has been put thereon. By the stitching C the truncated cone which forms the cover is made out of the parts A, A', the press board thereof A being on the inside and the leather A' on the outside of such truncated cone.

X is a head, comprising a handle end (Y) and a large end (y). Feathers are attached to the large end y to form or build up a duster. Z is a metal collar on the handle end, Y, of the head X. Collar Z is secured in position by one end thereof being turned over, (as by spinning), on to the bead y'.

The smaller end of the truncated cone obtained by stitching C, as hereinbefore described, is so made that the opening at the smaller end thereof will permit the cone to be drawn over the bead y'; and when so drawn into substantially the position illustrated in Fig. 4 of the drawing, the larger end of such cone comes a considerable way up alongside or over the large end y of the head. After the truncated cone is drawn into position as described, the metal blank D is wrapped around it, on the smaller end thereof, and secured in place, as by a nail, tack or screw, (d). When thus made and secured in place the cover obtained is of good appearance, and sufficiently strong to withstand the shocks and jars incident to its use, and is not so heavy as to be detrimental to the proper construction of the duster; and in addition thereto, the outer surface of the cover thus obtained may be used for the printing or embossing of any desired marks thereon.

The cover may be made of leatherette, cloth, and other like material for the outside one of the blanks used, and of card board, straw board, and other like material for the inside one of the blanks used, in the construction of a device embodying this invention. In making this cover it is not necessary to attach the blanks, which are to make a cover, together by sewing, nor is it necessary to attach such blanks together on the larger curved side and also on the radially extending straight sides; but I have found it necessary to attach, either by sewing or otherwise, at least one of the straight sides thereof together before forming such blanks up and overlapping the meeting edges, to



hold such blanks in proper relative position while the straight edges are attached together.

Having thus described my invention and the construction and use of a device embodying the same, what I claim as new and desire to secure by Letters Patent is:—

1. A head for a feather duster, such head provided with a handle end and an end of larger diameter arranged to permit feathers to be attached thereto, in combination with a cover consisting of a plurality of blanks attached together to form a truncated cone, and a collar over the smaller end of the cone and attached in place thereover and to the smaller end of the head; substantially as described.

2. A head for a feather duster, such head provided with a handle end and an end of larger diameters, the periphery of such larger diameters respectively arranged to permit feathers to be attached thereto, in combination with a cover consisting of a plurality of blanks of substantially the same shape attached together to form a truncated cone, the smaller end of such truncated cone arranged to fit the handle end of the head, a

collar over the smaller end of the cone and attached to the head, and binding on the larger end of the truncated cone to secure the blanks together; substantially as described.

3. A head for a feather duster, one end of which head is constructed to form a handle end and the other end is constructed substantially larger and arranged to have feathers attached thereto, in combination with a cover consisting of a plurality of duplicate blanks attached together by binding material stitched thereto and formed up to obtain a truncated cone, and stitching arranged to maintain such blanks in the formed up position, the cone arranged so that the opening at the smaller end thereof corresponds in size with the size of the handle end of the head, and a metal blank formed up to fit over the smaller end of the truncated cone and attached in place thereover; substantially as described.

MEAD E. GOODHUE.

In the presence of—

CHARLES TURNER BROWN,  
CORA A. ADAMS.