No. 832,036. PATENTED OCT. 2, 1906.

G. BUNKER.

PLASTERER'S HAWK.

APPLICATION FILED DEC. 15, 1905.

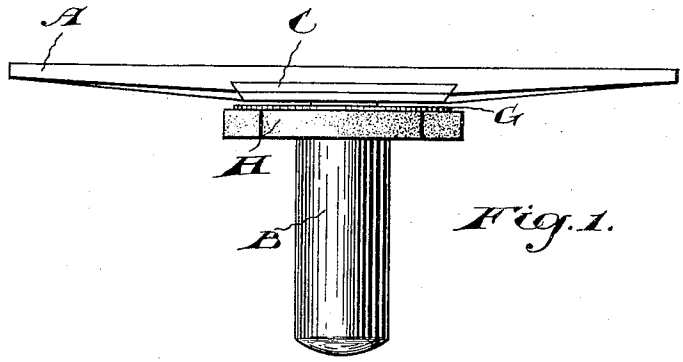


Fig. 1.

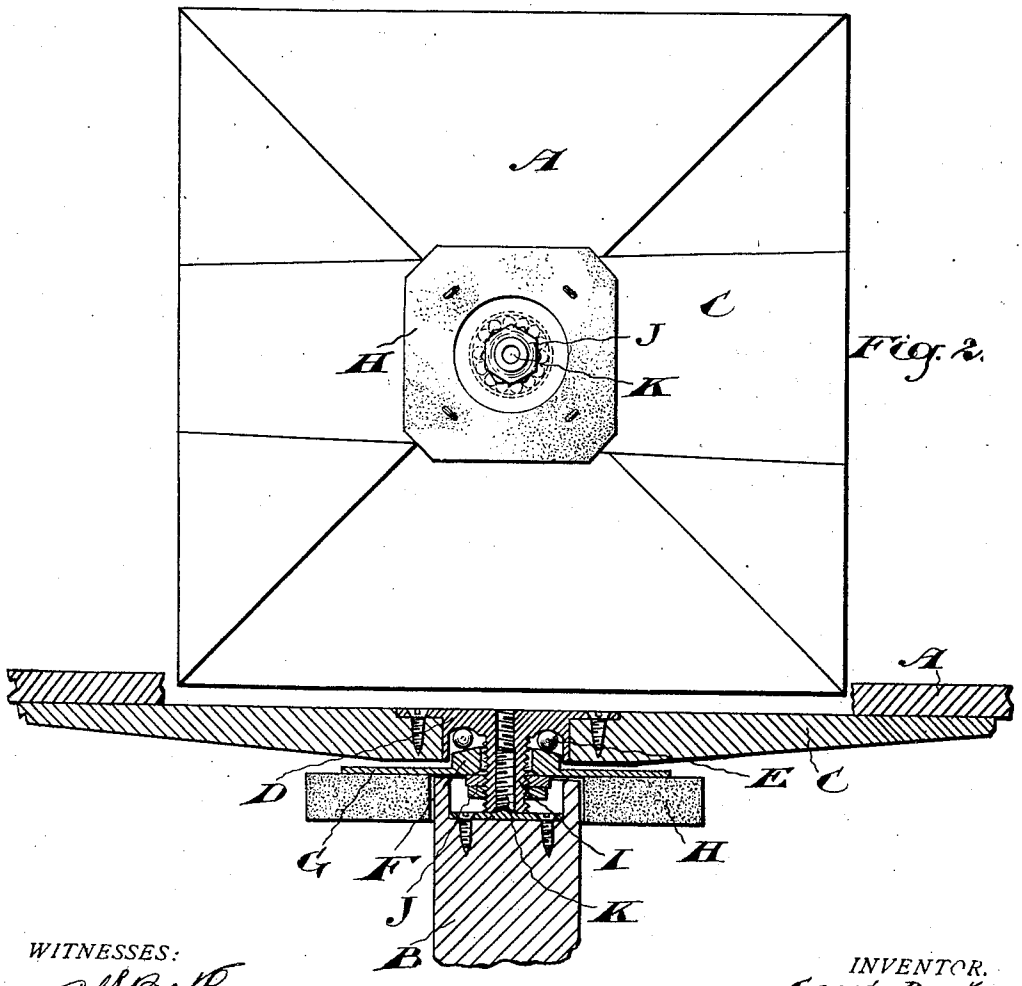


Fig. 2.

Fig. 3.

WITNESSES:

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PLASTERER'S HAWK.

No. 832,036. Specification of Letters Patent. Patented Oct. 2, 1906.

Application filed December 15, 1905. Serial No. 291,897.

To all whom it may concern:

Be it known that I, GEORGE BUNKER, manufacturer, of the city of Toronto, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Plasterers' Hawks, of which the following is a specification.

My object is to devise a plasterers' hawk which may be readily turned and handled without rubbing and disfiguring the hands of the user, as do the hawks ordinarily employed.

With this object in view my invention consists, essentially, in providing the hawk with a hand-rest rotatable relative to the handle and top, which are secured together substantially as hereinafter more specifically described and then definitely claimed.

Figure 1 is a side elevation of my improved hawk. Fig. 2 is a plan view of the under side of the hawk with the handle removed. Fig. 3 is an enlarged cross-section of part of the hawk.

In the drawings like letters of reference indicate corresponding parts in the different figures.

Referring particularly to Figs. 1 and 2, A is the board forming the top of the hawk, and B the handle. In the back of the top is formed a tapered dovetailed groove to receive the similarly-shaped slide C. The grain in this slide runs transverse to the grain in the top. It is intended to prevent the warping of the top and also to form the connection between the handle and the top. Secured in the slide C is the cup D, forming part of a race for the balls E. The other half of the race is formed by the cone F, preferably forming part of the plate G. To the under side of this plate is preferably secured a felt pad H, the plate and the pad forming what may be termed a "hand-rest." From the center of the cup D extends a stem I, passing loosely through an aperture in the cone F. On this stem are screwed the nuts J, by means of which the ball-bearing may be adjusted. The handle B is secured to this stem preferably by being provided with a projecting screw K, screwed into a suitably-threaded bore formed in the stem. From this will be seen that there is a rigid connection between the handle and the top of the hawk, whereas the hand-rest is revoluble relative to them both.

When a plasterer is using an ordinary hawk with a heavy load of plaster on it, he experiences considerable difficulty in turning it, as the under side of the board must rest more or less on his hand while he is giving the handle a twist. With my device the hand-rest supports the whole weight upon the hawk, and as it is revoluble relative to the latter the rubbing action on the plasterer's hand is entirely avoided. It is very easy to support the whole weight by means of the hand-rest while giving a twist to the handle with the fingers or by merely inclining the hawk so that it will turn with that side lowest on which there is the greatest weight of plaster. The device will run with perfect freedom, as the weight is supported entirely on the ball-bearings.

I do not, of course, wish to confine myself to the exact details of construction shown, as these may be varied widely without departing from the spirit of my invention. The hawk as constructed will be found to be of very little greater expense in the first place than the ordinary hawk, and as the top when worn out is easily renewed without throwing away the slide, handle, or the hand-rest it will be found to be in the long run considerably cheaper than the ordinary hawk.

What I claim as my invention is—

1. A plasterer's hawk, comprising a top, a handle secured thereto, and a hand-rest rotatable relative to the top and handle, substantially as described.

2. A plasterer's hawk comprising a top; a handle secured thereto; and a hand-rest journaled at the junction of the handle and the top, substantially as described.

3. A plasterer's hawk comprising a top; a handle secured thereto; and a hand-rest journaled at the junction of the handle and the top; and an annular felt pad secured to the hand-rest around the handle, substantially as described.

4. A plasterer's hawk comprising a top; a hand-rest; a ball-race comprising a cup and a cone, one part being secured to the top and the other to the hand-rest; a stem connected with the part secured to the top and extending through the hand-rest; and a handle connected to the said stem, substantially as described.

Toronto, December 11, 1905.

GEORGE BUNKER.

In presence of—

J. EDW. MAYBEE,

C. H. BAK.