

(No Model.)

C. W. HARE.
PENCIL SHARPENER.

No. 584,934.

Patented June 22, 1897.

FIG. 1.

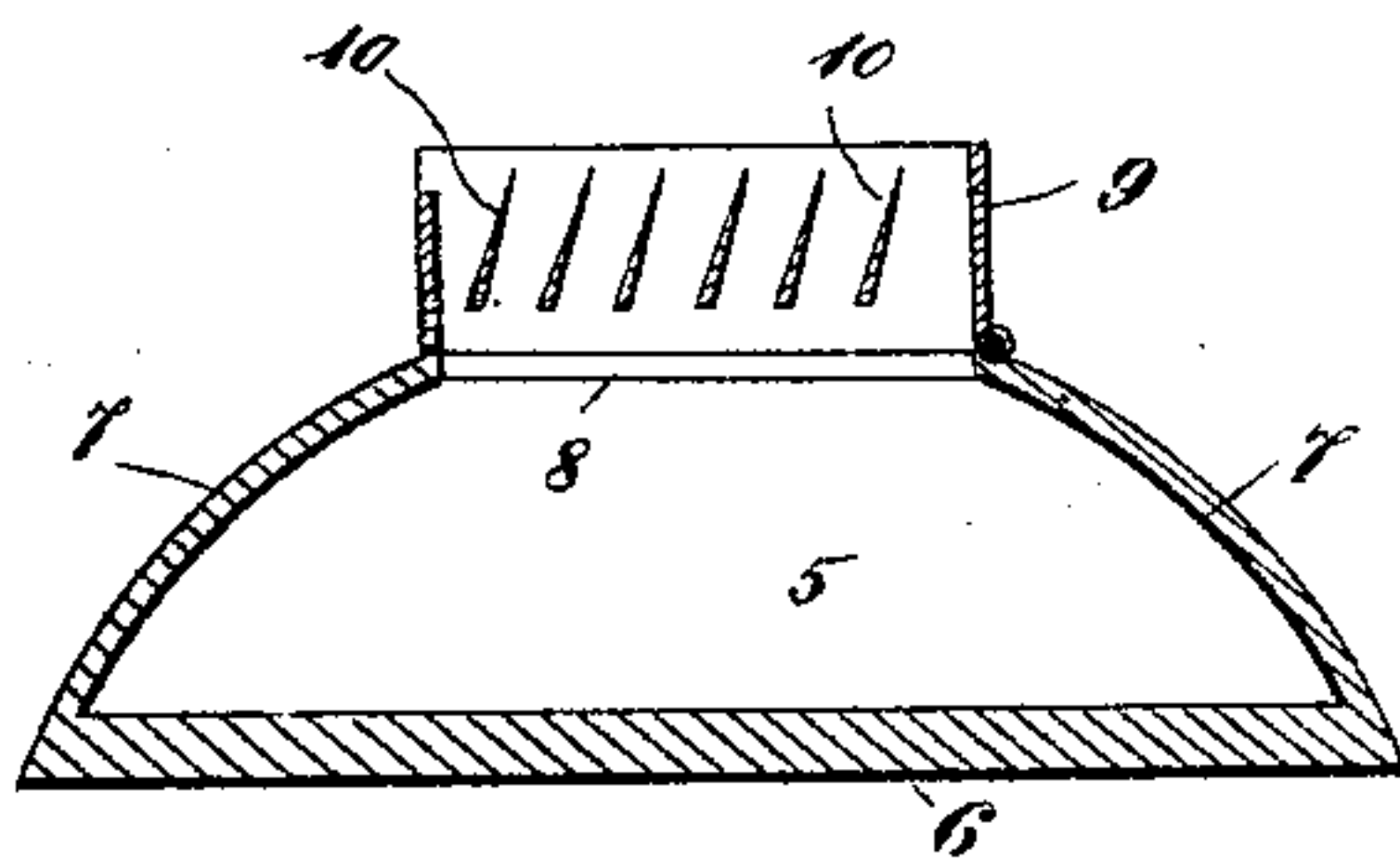


FIG. 2.

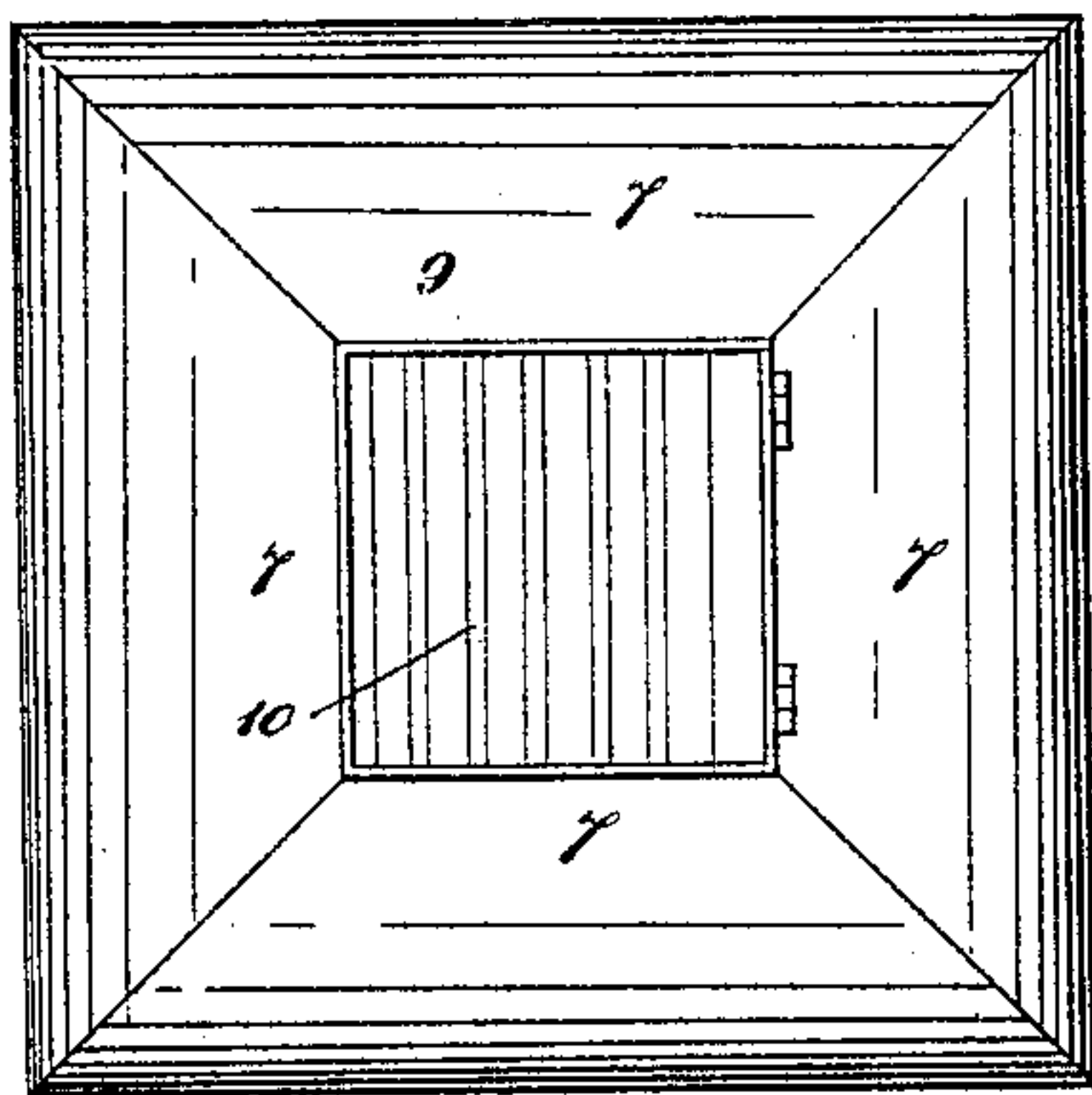
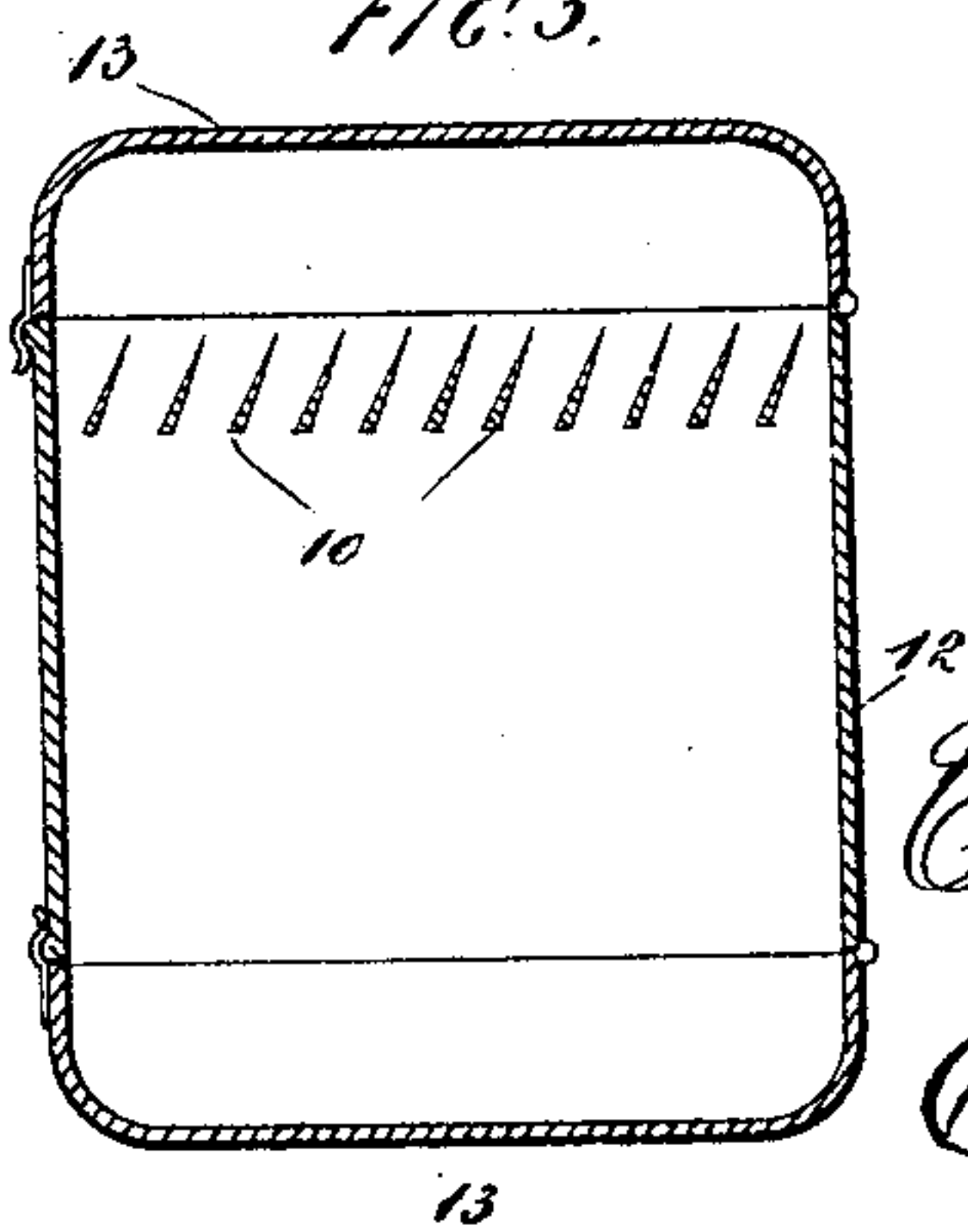


FIG. 3.



WITNESSES

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PENCIL-SHARPENER.

SPECIFICATION forming part of Letters Patent No. 584,934, dated June 22, 1897.

Application filed October 29, 1896. Serial No. 610,462. (No model.)

To all whom it may concern:

Be it known that I, CHARLES WEAVER HARE, a citizen of the United States, residing at Ashland, in the county of Ashland and State of Wisconsin, have invented certain new and useful Improvements in Pencil-Sharpeners, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to pencil-sharpeners; and the object thereof is to provide an improved device of this class which is simple in construction and operation and comparatively inexpensive; and the invention consists in the construction, combination, and arrangement of parts hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which similar numerals of reference designate the same parts wherever found throughout the several views, and in which—

Figure 1 is a central transverse vertical section of my improved pencil-sharpener; Fig. 2, a plan view thereof, and Fig. 3 a central section of a match-safe provided with my improvement.

In the practice of my invention I provide a pencil-sharpener which comprises a base receptacle 5, consisting of a bottom 6 and upwardly and inwardly inclined sides 7, the form of the base receptacle being preferably pyramidal, and in the top thereof is a rectangular opening 8, at one side of which is hinged a neck 9, which is also rectangular in form and which in the closed position thereof rests upon the upper portions of the sides 7 and incloses the rectangular opening 8.

The neck 9 is provided with a plurality of transverse blades 10, which are secured therein in any desired manner, and all of which are held at an angle, as clearly shown in Fig. 1, and the edges thereof are directed upwardly, and all of said blades are inclined in the same direction, and the sides of the neck at the ends of the blades extend a short distance above the blades.

The operation will be readily understood from the foregoing description when taken in connection with the accompanying drawings.

In sharpening a pencil all that is necessary is to draw the same over the blades 10 in the direction opposite to that of the inclination

thereof, and the angle at which the pencil is held will readily suggest itself, and in this operation the particles cut from the pencil will drop into the base receptacle and may be removed therefrom whenever desired.

My invention is not limited to the form of the base receptacle or to the form of the neck 9, nor is it limited to the number of the blades 10 employed, and it will be apparent that changes in and modifications of the construction herein described may be made without departing from the spirit of my invention or sacrificing its advantages.

In Fig. 3 I have shown my improvement applied to a match-safe, and in this form of construction I employ a match-safe comprising a body portion 12, having a hinged cap or cover 13 at each end, and within one end thereof is arranged the blades 10, which are preferably of the same form and arranged in the same manner as shown in Figs. 1 and 2, and in this form of construction all that is necessary in order to sharpen a pencil is to throw back the hinged cap or cover 13 adjacent to the blades 10 and operate the pencil as hereinbefore described.

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

1. A pencil-sharpener, comprising a base receptacle, provided with a hinged neck, said neck being provided with a plurality of transverse blades which are set therein, all of said blades being held at an angle to the vertical center of the neck, substantially as shown and described.

2. The herein-described pencil-sharpener, comprising a base receptacle which is pyramidal said base receptacle being provided with a central rectangular opening in the top thereof, and a neck hinged to one side of said opening, said neck being provided with a plurality of blades which are secured therein transversely thereof, and at an angle to the vertical center thereof, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 19th day of October, 1896.

CHARLES WEAVER HARE.

Witnesses:

W. A. BARNES,
C. P. DEMING.